

MAPS

Compliments of G. K. Harris

THE PLANT DISEASE REPORTER

Issued By

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY

UNITED STATES DEPARTMENT OF AGRICULTURE

Supplement 121

A Check List of Fungi, Bacteria, Nematodes, and Viruses

Occurring in Hawaii, and Their Hosts

March 1, 1940



19:432

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.



Digitized by the Internet Archive
in 2025

A CHECK LIST OF FUNGI, BACTERIA, NEMATODES, AND VIRUSES

OCCURRING IN HAWAII, AND THEIR HOSTS^{1/}

By G. K. Parris, Associate Professor of Plant Pathology,
University of Hawaii.

Plant Disease Reporter
Supplement 121

March 1, 1940.

Table of Contents

Introduction	2
Plant Hosts and Microorganisms and Viruses Present in Hawaii . . .	3
Microorganisms and Viruses Present in Hawaii and their Hosts . . .	37
Fungi	37
Myxomycetes	37
Phycomycetes	39
Ascomycetes	45
Basidiomycetes	58
Fungi Imperfecti	63
Mycelia Sterilia	72
Fungi Parasitic on, or Associated with, other Fungi . . .	73
Fungi Parasitic on Insects	73
Fungi Parasitic on Nematodes	76
Bacteria	76
Nematodes	77
Plant Parasitic Nematodes	77
Predaceous Nematodes	81
Viruses	82
Synonyms and Corrections in Nomenclature of Hosts	84
Bibliography	86

^{1/} Published with the approval of the Director as Technical Paper No.
59 of the Hawaii Agricultural Experiment Station.

INTRODUCTION

Stevens (64) ^{2/} in 1925 was the first to compile a list of the fungi present in Hawaii for a wide range of hosts, though previously Caum (15) in 1921 contributed a list of the fungi present on sugar cane. Since this time records, both published and unpublished, have accumulated, and no complete index of the organisms and their hosts is in existence.

The present publication consists of two parts: in the first part the plant hosts are listed with the organisms reported on each; in the second part the organisms are segregated into their respective systematic groups, viz., Fungi, Bacteria, Nematodes, and Viruses, and the hosts for each organism listed. The Fungi are subdivided into the Myxomycetes, Phycomycetes, Ascomycetes, Basidiomycetes, Fungi Imperfecti, and Mycelia Sterilia. Separate sections are devoted to Fungi Parasitic on Insects, and Fungi Parasitic on Nematodes. The Nematodes are subdivided into Plant Parasitic Nematodes and Predaceous Nematodes.

The nomenclature of the Myxomycetes, Phycomycetes, and Nematodes has been brought up to date. With a few exceptions, no changes in nomenclature have been made in other groups. The literature citation for each organism or host is believed to be the original record.

Thanks are due Dr. Harold L. Lyon and Dr. Royal N. Chapman, directors of the Sugar and Pineapple Experiment Stations respectively, for making available unpublished records; Dr. Harold St. John for checking botanical nomenclature; and Dr. O. N. Allen, who generously contributed unpublished records of Myxomycetes of the Hawaiian Islands.

The writer is deeply grateful to Mrs. N. D. Parris who gave so generously of her time and energy in the preparation of the card indices used in the accumulation of data, and without whose help this work would never have been attempted.

^{2/}

Numbers in parentheses refer to citations in the bibliography.

PLANT HOSTS OF MICROORGANISMS AND VIRUSES PRESENT IN HAWAII

ABUTILON INCANUM

Puccinia heterospora Berk. & Curt.

ABUTILON MOLLE

Orbilia abutilonis Cash

Puccinia heterospora Berk. & Curt.

Schizoxylon abutilonis Cash

Stictis radiata (L.) Pers. subsp. *intermedia* Speg.

ACACIA FARNESIANA

Ravenelia siliquae Long

ACACIA KOA

Fomes (*Ganoderma*) *australis* Fr.

F. fasciculatus Burt

F. fullageri (Berk.) Cke.

Hypoxylon annulatum (Schw.) Mont.

Lophodermium intermissum Starb.

Meliola koae Stevens

Nummularia guaranitica Speg.

Schizophyllum commune Fr.

Uromyces koae Arthur

Xylaria rhopaloides Krs.

ACACIA sp.

Fomes (*Ganoderma*) *australis* Fr.

F. hawaiiensis Lloyd

ACALYPHA sp.

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox

Diaporthe sp.

Physalospora fusca Stevens

ACANTHOSPERMUM AUSTRALIS

Heterodera marioni (Cornu) Goodey

AGAPANTHUS UMBELLATUS

Phoma agapanthi (Thüm.) Sacc.

AGAPANTHUS sp.

Colletotrichum dracaenae Allesch.

AGERATUM CONYZOIDES

Cercospora agerati Stevens

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

Puccinia conoclinii Szym.

Virus of yellow spot of pineapple

ALBIZZIA LEBBEK

Phoma henningsii Sacc.

ALEURITES MOLUCCANA

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox

Diaporthe sp.

Lachnea scutellata (L.) Gill

(Aleurites moluccana cont.)

Odontia sp.

Trametes corrugata (Pers.) Bres.

ALEURITES sp.

Coryne sarcoides (Jacq.) Tul.

Helotium sulphurinum Quél.

Karschia tavelinia Rehm

Mollisia petiolorum Cash

Nectria subquaternata Berk. & Br. forma farinosa Syd.

Trametes corrugata (Pers.) Bres.

Xylaria curta Fr.

X. schweinitzii Berk. & Curt.

ALLIUM CEPA

Heterodera marioni (Cornu) Goodey

Phytophthora cinnamomi Rands

P. rancana Sid.

P. palmivora Butler

P. parasitica Dastur

Pythium teratosporon Sid.

ALLIUM sp.

Bacillus carotovorus Jones

Bacterium sp.

Phoma terrestris Hansen

Macrosporium sp.

Virus of yellow spot of pineapple

ALPHITONIA PONDEROSA

Hyalocurreya sandicensis (Ell. & Ev.) Theis. & Syd.

Irene splendens Stevens

ALYXIA OLIVAEFORMIS

Amazonia psychotriae (P. Henn.) Theis.

Guignardia alyxiae Stevens

Meliola alyxiae Stevens

Trichopeltis reptans Speg.

T. rhyacoides Stevens

Trichothallus hawaiiensis Stevens

Uromyces alyxiae Arthur

AMARANTHUS GRACILIS

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

Rhizoctonia sp.

AMARANTHUS HYBRIDUS

Heterodera marioni (Cornu) Goodey

AMARANTHUS SPINOSUS

Heterodera marioni (Cornu) Goodey

ANACARDIUM OCCIDENTALE

Gloeosporium sp.

ANANAS COMOSUS

- Alternaria* sp.
Aphanomyces sp.
Aspergillus sp.
Ceratostomella paradoxa (de Seynes) Dade
Fusarium affine Faut. & Lamb
Fusarium sp.
Heterodera marioni (Cernu) Goodey
Monilia sp.
Penicillium pinophilum Hedgecock
Phoma sp.
Phytophthora cinnamomi Rands
P. citrophthora (Sm. & Sm.) Leonian
P. palmivora Butler
P. parasitica Dastur
Pratylenchus pratensis (de Man) Filipjev
Pythium acanthophoron Sid.
P. aphanidormatum (Eds.) Fitz.
P. arrhenomanes Drechs.
 Synonyms (66):
 Nematosporangium arrhenomanes Drechs. var. *hawaiiensis* Sid.
 N. epiphanosporon Sid.
 N. hyalosticton Sid.
 N. leiohyphon Sid.
 N. leucosticton Sid.
 N. polyandron Sid.
 N. rhizophthoron Sid.
 N. spaniogamon Sid.
 N. thysanohyphalon Sid.
P. artotrogus (Mont.) de Bary var. *macracanthum* Sid.
P. ascophallon Sid.
P. debaryanum Hesse
P. butleri Subr.
P. diameson Sid.
P. euthyhyphon Sid.
P. graminicolum Subr.
P. indigoferae Butler
P. irregulare Buisman var. *hawaiiense* Sid.
P. mamillatum Meurs (?)
P. polycladon Sid.
P. polymorphon Sid.
P. splendens Braun var. *hawaiienum* Sid.
P. teratosporon Sid.
Rhizidiocystis ananasi Sid.
Rhizoctonia sp.
Rhizopus sp.
Rotylenchus multicinctus (Cobb) Filipjev
R. similis (Cobb) Filipjev

(Ananas comosus cont.)

- Saccharomyces sp.
- Trichoderma lignorum (Tode) Harz.
- Trichoderma sp.
- Verticillium sp. (heterocladium ?)
- Virus of Commelina nudiflora
- Virus of yellow spot of pineapple

ANTIDESMA PLATYPHYLLUM

- Pestalozzia sp.

ANTIRRHINUM MAJUS

- Heterodera marioni (Cornu) Goodey
- Phytophthora parasitica Dastur

APIUM GRAVEOLENS VAR. DULCE

- Septoria apii (Br. & Cav.) Chester
- S. apii-graveolentis Dorogin

ARACHIS HYPOGAEA

- Cercospora personata (Berk. & Curt.) Ell.
- Heterodera marioni (Cornu) Goodey
- Phyllosticta sp.
- Sclerotium rolfsii Sacc.
- Septogloeum arachidis Racib.

ARCTIUM LAPPA

- Cercospora arctii Stevens

ARTOCARPUS INCISA

- Colletotrichum artocarpi Delacr.
- Mycosphaerella artocarpi Stevens & Young
- Orbilia epipora (Nyl.) Karst.
- Phyllosticta artocarpi Speg.
- Rhizopus sp.

ASPARAGUS OFFICINALIS VAR. ALTIS

- Cercospora asparagi Sacc.
- Fusarium sp.

AVENA FATUA

- Heterodera marioni (Cornu) Goodey

AVENA SATIVA

- Heterodera marioni (Cornu) Goodey
- Puccinia coronata (rhamni) Cda.
- Rotylenchus multicinctus (Cobb) Filipjev
- Ustilago avenae (Pers.) Jens.

BACOPA SP.

- Heterodera marioni (Cornu) Goodey

BAMBUSA VULGARIS

- Mosaic

BAMBUSA SP.

- Lageniforma bambusae Plunkett

BARRINGTONIA ASIATICA

Gloeosporium barringtoniae Stevens & Young

Phoma barringtoniae Cke. & Massee

BEGONIA SP.

Heterodera marioni (Cornu) Goodey

BETA VULGARIS

Cercospora beticola Sacc.

Heterodera marioni (Cornu) Goodey

BETA VULGARIS VAR. CICLA

Heterodera marioni (Cornu) Goodey

BIDENS PILOSA

Heterodera marioni (Cornu) Goodey

Virus of yellow spot of pineapple

BIDENS PILOSA VAR. RADIATA

Cercospora megalopotamica Speg.

BIDENS SP.

Heterodera marioni (Cornu) Goodey

Phytophthora parasitica Dastur

BILBERGIA SP.

Pythium arrhenomanes Drechs.

Nematosporangium leucosticton Sid.

BRASSICA CAMPESTRIS

Albugo candida (Pers.) Kuntze

Heterodera marioni (Cornu) Goodey

Rhizoctonia sp.

BRASSICA OLERACEA

Alternaria brassicae (Berk.) Sacc.

Bacterium sp.

Heterodera marioni (Cornu) Goodey

BRASSICA OLERACEA VAR. BOTRYTIS

Alternaria brassicae (Berk.) Sacc.

Heterodera marioni (Cornu) Goodey

BRASSICA OLERACEA VAR. CAPITATA

Alternaria brassicae (Berk.) Sacc.

Bacterium campestris (Pamm.) EFS.

Heterodera marioni (Cornu) Goodey

Phoma lingam (Tode) Desm.

BRASSICA PEKINENSIS

Heterodera marioni (Cornu) Goodey

Mosaic

BRASSICA RAPA

Alternaria brassicae (Berk.) Sacc.

Heterodera marioni (Cornu) Goodey

Rhizoctonia sp.

BRIGHAMIA SP.

Heterodera marioni (Cornu) Goodey

BROMUS CATHARTICUS

Ustilago bromivora (Tul.) Fisch. de Waldh.

BROMUS SECALINUS

Heterodera marioni (Cornu) Goodey

BROUSSAISIA SP.

Trichothallus hawaiiensis Stevens

CAJANUS CAJAN

Heterodera marioni (Cornu) Goodey

Phytophthora cinnamomi Rands

P. palmivora Butler

P. parasitica Dastur

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. hyphalosticton Sid.

N. polyandron Sid.

P. artotrogus (Mont.) de Bary var. macracanthum Sid.

P. debaryanum Hesse

P. diameson Sid.

P. irregulare Buisman var. hawaiiense Sid.

P. splendens Braun var. hawaiianum Sid.

P. teratosporon Sid.

Rhizoctonia sp.

Rotylenchus similis (Cobb) Filipjev

Sclerotium rolfsii Sacc.

CALLISTEPHUS CHINENSIS

Fusarium sp. (conglutinans var. callistephi ?)

Septoria callistephi Gloyer

Virus of yellow spot of pineapple

CALONYCTION ACULEATUM

Ramularia ipomoeae Stevens

Sphaerulina ipomoeae Stevens

CANAVALLIA ENSIFORMIS

Fusicoccum canavaliae (no author given)

Heterodera marioni (Cornu) Goodey

Pythium artotrogus (Mont.) de Bary var. macracanthum Sid.

P. debaryanum Hesse

P. diameson Sid.

P. irregulare Buisman var. hawaiiense Sid.

P. splendens Braun var. hawaiianum Sid.

CANAVALLIA GLADIATA

Heterodera marioni (Cornu) Goodey

CANAVALLIA sp.

Gloeosporium canavaliae Syd.

Septoria canavaliae Lyon

CANNA EDULIS

Heterodera marioni (Cornu) Goodey

Rotylenchus similis (Cobb) Filipjev

CANNIA INDICA

Mosaic

CAPSICUM FRUTESCENS

Bacterium vesicatorium Doidge

Fusarium sp.

Gloeosporium sp.

Heterodera marioni (Cornu) Goodey

Virus of yellow spot of pineapple

CAREX WAHUENSIS

Uredo hawaiiensis Arthur

CARICA PAPAYA

Heterodera marioni (Cornu) Goodey

Phytophthora palmivora Butler

P. parasitica Dastur

Pythum aphanidermatum (Eds.) Fitz. var. hawaiiensis Sid.

P. araiosporon Sid.

P. chamuihyphon Sid.

P. complectens Braun

CASIMIROA EDULIS

Phyllosticta casimiroae Stevens & Wsedon

CASSIA BICAPSULARIS

Tryblidiella rufula (Spreng.) Sacc.

CASSIA LESCHENAULTIANA

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

CASSIA OCCIDENTALIS

Heterodera marioni (Cornu) Goodey

Oidium sp.

Pratylenchus pratensis (de Man) Filipjev

CASSIA TORA

Heterodera marioni (Cornu) Goodey

CATTLEYA sp.

Macrophoma cattleyicola P. Henn.

CENCHRUS ECHINATUS

Heterodera marioni (Cornu) Goodey

CENCHRUS ECHINATUS var. HILLEBRANDIANUS

Puccinia cenchri Diet. & Holw.

CENTELLA ASIATICA

Heterodera marioni (Cornu) Goodey

Septoria sp.

CEODEA UMBELLIFERA

Echidnodes pisoniae Stevens & Ryan

CERASTIUM sp.

Septoria cerastii Rob. & Desm.

CEREUS sp.

Gloeosporium cerei Passer.

CHEIRODENDRON GAUDICHAUDII

Irene cheirodendronis Stevens

CHENOFODIUM ALBUM

Heterodera marioni (Cornu) Goodey

CHLORIS GAYANA

Heterodera marioni (Cornu) Goodey

CHRYSANTHEMUM INDICUM

Puccinia chrysanthemi Rose

Septoria rostrupii Sacc. & Syd.

CHRYSOPHYLLUM CAINITO

Gloeosporium sp.

CIBOTIUM CHAMISSOI

Exioconidium cibotii Plunkett

Yoshinagella nuda Stevens

Y. polymorpha Lyon var. pauciseta Stevens

CIBOTIUM MENZIESI

Dasyscypha javanica Penz. & Sacc.

Sphaerulina cibotii Stevens & Guba

Yoshinagella polymorpha Lyon

CIBOTIUM sp.

Helminthosporium cibotii Stevens

Helotiium cremeum Stevens

Lachnum gleicheniae Cash

Pezizella chrysostigma (Fr.) Sacc.

Stictis radiata (L.) Pers.

CITRULLUS VULGARIS

Colletotrichum lagenarium (Pass.) Ell. & Huls.

Fusarium sp. (niveum ?)

Heterodera marioni (Cornu) Goodey

Mosaic

CITRUS AURANTIFOLIA

Gloeosporium limetticolum Clausen

Penicillium italicum Wehmer

Phytophthora citrophthora (Sm. & Sm.) Leonian

CITRUS AURANTIUM

Colletotrichum gloeosporioides Penz.

Heterodera marioni (Cornu) Goodey

CITRUS LIMONIA

Colletotrichum sp.

Heterodera marioni (Cornu) Goodey

CITRUS SINENSIS

Heterodera marioni (Cornu) Goodey

CITRUS sp.

Bacterium citri (Hasse) Jehle

Sphaceloma fawcettii Jenk.

CLADIUM ANGUSTIFOLIUM

- Lophodermium arundinaceum (Schrad.) Chev.
- Meliola cyperi Pat.
- Pestalozzia sp.
- Trichopeltis reptans Speg.
- Trichothallus hawaiiensis Stevens

CLADIUM MEYENII

- Aulographella baumeae Stevens & Ryan
- Meliola cyperi Pat.
- Pestalozzia sp.
- Trichopeltis reptans Speg.

CLACKYLON SANDWICENSIS

- Asterina ildefonsiae (Rehm) Theis.
- Meliola morbosa Stevens

CLERMONTIA KAKEANA (?)

- Septoria clermontiae Stevens & Young

CLERMONTIA MULTIFLORA

- Amazonia psychotriac (P. Henn.) Theis.
- Trichopeltis reptans Speg.

CLERMONTIA OBLONGIFOLIA

- Calothyriopeltis clermontiae Stevens & Ryan

CLERMONTIA sp.

- Amazonia psychotriac (P. Henn.) Theis.
- Asterina clermontiae Stevens & Ryan
- Clypeolella clermontiae Stevens & Ryan
- Meliola lobeliae Stevens
- Septoria clermontiae Stevens & Young
- Trichopeltis reptans Speg.
- Trichothallus hawaiiensis Stevens

COCCULUS FERRANDIANUS

- Echidnodella cocculi Stevens & Ryan

COCOS NUCIFERA

- Melanconium sp.
- Pestalozzia sp.
- Phytophthora palmivora Butler

CODIAEUM MOLUCCANUM

- Phyllosticta codiae Stevens & Young

COFFEA ARABICA

- Cercospora coffeicola Berk. & Curt.
- Heterodera marioni (Cornu) Goodey

COFFEA sp.

- Capnodium sp.
- Gloeosporium sp.

COLEUS sp.

- Heterodera marioni (Cornu) Goodey

COLOCASIA ESCULENTA

- Bacillus carotovorus Jones
- Cladosporium sp.
- Heterodera marioni (Cornu) Goodey

(Colocasia esculenta cont.)

Phyllosticta colocasiophila Weedon

Phytophthora colocasiae Rac.

Pythium debaryanum Hesse (?)

Pythium sp.

Sclerotium rolfsii Sacc.

COMMELINA NUDIFLORA

Heterodera marioni (Cornu) Goodey

Mosaic

Pratylenchus pratensis (de Man) Filipjev

Pythium arrhenomanes Drechs.

Nematosporangium spaniogamon Sid.

CONVOLVULUS ARVENSIS

Heterodera marioni (Cornu) Goodey

COPROSMA sp.

Actinodothidopsis coprosmae Stevens

Amazonia psychotriae (P.Henn.) Theis.

CORDYLIFE TEREBINALIS

Capnodiopsis sp.

Phyllosticta cordylinophila Young

Virus of yellow spot of pineapple

COREOPSIS sp.

Oidium sp.

CORTADERIA ARGENTEA

Apiospora montagnei Sacc.

CROTALARIA INCANA

Phytophthora palmivora Butler

P. parasitica Dastur

CROTALARIA SALTIANA

Heterodera marioni (Cornu) Goodey

CROTALARIA SPECTABILIS

Cercospora demetroniana Wint.

Mosaic

CROTALARIA USARAMOENSIS

Heterodera marioni (Cornu) Goodey

CROTALARIA sp.

Fusarium vasinfectum Atk.

Heterodera marioni (Cornu) Goodey

Phytophthora palmivora Butler

P. parasitica Dastur

CRYPTOCARYA LANNII

Meliola pelocae Stevens

CUCUMIS MELO

Colletotrichum lagenarium (Pass.) Ell. & Halst.

Heterodera marioni (Cornu) Goodey

Mosaic

Pseudoperonospora cubensis (Berk. & Curt.) Rostew.

CUCUMIS SATIVUS

Heterodera marioni (Cornu) Goodey

Mosaic

Pseudoperonospora cubensis (Berk. & Curt.) Rostew.

CUCURBITA PEPO

Heterodera marioni (Cornu) Goodey

Mosaic

Pseudoperonospora cubensis (Berk. & Curt.) Rostew.

CUPRESSUS MACROCARPA

Pestalozzia funerea Desm.

Phomopsis sp.

Sporonema sp.

CYANEA ANGUSTIFOLIA

Mycosphaerella cyaneae Stevens & Young

CYANEA sp.

Trichopeltis reptans Speg.

CYNODON DACTYLON

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

Puccinia cynodontis Lacroix

Ustilago sp.

CYPERUS ROTUNDUS

Heterodera marioni (Cornu) Goodey

Rotylenchus similis (Cobb) Filipjev

CYPERACEAE

Metasphaeria cumana Sacc. & Speg.

Trichothallus hawaiiensis Stevens

CYRTANDRA CORDIIFOLIA

Irene cyrtandrae Stevens

CYRTANDRA LESSONIANA

Irene cyrtandrae Stevens

DAHLIA sp.

Oidium sp.

Phomopsis achilleae (Sacc.) v. Höhn.

DAUCUS CAROTA

Heterodera marioni (Cornu) Goodey

DAUCUS CAROTA var. SATIVA

Cercospora apii carotae Pass.

Heterodera marioni (Cornu) Goodey

Sclerotium rolfsii Sacc.

DELPHINIUM sp.

Heterodera marioni (Cornu) Goodey

Sclerotium rolfsii Sacc.

DESMODIUM TORTUOSUM

Heterodera marioni (Cornu) Goodey

DIANEILLA SANDWICENSIS

Colletotrichum dianellae Stevens & Young

Meliola gregoriana Stevens

Mosaic

Mycosphaerella dianellae Stevens & Weedon

Paeosphaerella dianellae Stevens

Pirostoma dianellae Stevens & Young

DIANTHUS CARYOPHYLLUS

Fusarium sp.

Heterodera marioni (Cornu) Goodey

Septoria dianthi Desm.

Uromyces caryophyllinus (Schr.) Wint.

DIANTHUS sp.

Pestalozzia sp.

DIGITARIA PRURIENS

Puccinia oahuensis Ell. & Ev.

DIGITARIA SANGUINALIS

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

DIGITARIA VIOLASCENS

Heterodera marioni (Cornu) Goodey

DIOSPYROS HILLEBRANDII

Asterinella mabae Stevens & Ryan

DIOSPYROS SANDWICENSIS

Asterina aspidii Theis.

Asterinella mabae Stevens & Ryan

Echidnodella mabae Stevens & Ryan

Meliola sp.

DODONAEA VISCOSA

Meliola lyoni Stevens

DRACAENA AUREA

Coniothyrium dracaenae Stevens & Weedon

Leptosphaeria dracaenae S. Cam.

Meliola dracaenae Stevens

DRACAENA DRACO

Phyllosticta draconis Berk.

DRYMARIA CORDATA

Virus of yellow spot of pineapple

DUBAUTIA LAXA

Graphium dubautiae Stevens & Weedon

DUBAUTIA sp.

Echidnodella raillardiae Stevens & Ryan

- ELAPHOGLOSSUM sp.
 Pestalozzia sp.
 Trichopeltis reptans Speg.
 Trichothallus hawaiiensis Stevens
- ELEUSINE INDICA
 Heterodera marioni (Cornu) Goodey
 Pratylenchus pratensis (de Man) Filipjev
- EMILIA COCCINEA
 Heterodera marioni (Cornu) Goodey
 Pratylenchus pratensis (de Man) Filipjev
- EMILIA SONCHIFOLIA
 Heterodera marioni (Cornu) Goodey
 Pratylenchus pratensis (de Man) Filipjev
 Sclerotium rolfsii Sacc.
 Virus of yellow spot of pineapple
- EMILIA sp.
 Mosaic
 Virus of yellow spot of pineapple
- ERAGROSTIS VARIABILIS
 Phyllochora graminis (Pers.) Fuckel
- ERECHTITES HIERACIFOLIA
 Heterodera marioni (Cornu) Goodey
- ERECHTITES VALERIANIFOLIA
 Heterodera marioni (Cornu) Goodey
 Virus of yellow spot of pineapple
- ERECHTITES sp.
 Phyllosticta erechtitis Stevens & Young
- ERIGERON CANADENSIS
 Heterodera marioni (Cornu) Goodey
 Virus of yellow spot of pineapple
- ERIGERON sp.
 Oidium sp.
- ERIOBOTRYA JAPONICA
 Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox
- ERYTHRINA MONOSPERMA
 Patellaria atrata (Hedw.) Fr.
 Stagonospora erythrinae Stevens & Young
- EUCALYPTUS GLOBULUS
 Pestalozzia sp.
- EUCALYPTUS ROBUSTA
 Harknessia hawaiiensis Stevens & Young
- EUCALYPTUS sp.
 Botryosphaeria ribis chromogena Shear, Stevens & Wilcox
 Diaporthe sp.
 Fomes (Canoderma) australis Fr.
 Lembosia eucalypti Stevens & Dixon
- EUGENIA MALACCENSIS
 Pestalozzia sp.

EUGENIA SANDWICENSIS

Meliola hawaiiensis Stevens
 Mycosphaerella eugeniae Rehm

EUGENIA sp.

Mycosphaerella eugeniae Rehm

EUPATORIUM sp.

Devincia helios Penz. & Sacc.

EUPHORBIA CLUSIAEFOLIA

Amazonia psychotriac (P. Henn.) Theis.
 Questioria euphorbiae G. Arnaud
 Uredo stevensii Arthur

EUPHORBIA HOOKERI

Puccinia velata (Ell. & Ev.) Arthur

EUPHORBIA MULTIFORMIS

Puccinia velata (Ell. & Ev.) Arthur

EUPHORBIA SERPHYLLIFOLIA (prostrata?)

Uromyces proeminens (DC.) Pass.

EUPHORBIA sp.

Oidium sp.
 Uredo stevensii Arthur

FICUS CARICA

Cercospora bolleana (Thüm.) Speg.
 Rhizopus sp.

FICUS ELASTICA

Trametes corrugata (Pers.) Bres.

FRAGARIA sp.

Mycosphaerella fragariae (Tul.) Lindau

FREYCINETIA ARBOREA

Gibberella lagerheimii Rehm
 Mycosphaerella freycinetiae Stevens
 Peltella freycinetiae Stevens & Ryan
 Phyllachora freycinetiae Stevens
 Seynesia atkinsonii Stevens & Ryan
 Trichothallus hawaiiensis Stevens

FREYCINETIA sp.

Clypeosphaeria stevensii Syd.
 Melanomma clypeatum (Sacc. & Pav.) Berk.
 Mollisia petiolorum Cash

GAFFNIA GAUDICIAUDII

Meliola cyperi Pat.

GAFFNIA LEPTOSTACHYA

Meliola cyperi Pat.

GALINSOGA PARVIFLORA

Heterodera marioni (Cornu) Goodey
 Virus of yellow spot of pineapple

GERANIUM ARBOREUM

Puccinia callaquensis Neger

GERANIUM GLABRATUM

Puccinia leveillei Mont. (P. geranii-silvatici Karst.)

GLADIOLUS sp.

Bacterium marginatum McCulloch

GLEICHENIA EMARGINATA

Phytophthora cinnamomi Rands

GLEICHENIA GLAUCA

Dasyscypha ulei (Wint.) Sacc.

Leptothyrium gleicheniae Stevens & Young

GLEICHENIA LINEARIS

Helminthosporium gleicheniae Stevens & Glick

Phytophthora cinnamomi Rands

GLEICHENIA sp.

Dasyscypha ulei (Wint.) Sacc.

Helotium cremeum Cash

Lachnum gleicheniae Cash

Leptothyrium gleicheniae Stevens & Young

GLYCINE SOJA

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

GOMPHOCARPUS PHYSOCARPUS

Heterodera marioni (Cornu) Goodey

GOSSYPIUM sp.

Diaporthe sp.

Glomerella gossypii Edgerton

Sphaeropsis malorum Peck

GOULDIA TERMINALIS

Meliola kaduae Stevens

M. sandwicensis Ell. & Ev.

GOULDIA TERMINALIS var. CORLACEA

Meliola kaduae Stevens

M. sandwicensis Ell. & Ev.

Septoria gouldiae Stevens & Young

GOULDIA TERMINALIS var. ELONGATA and var. MACROCARPA

Meliola sandwicensis Ell. & Ev.

GOULDIA TERMINALIS var. TYPICA f. EUTYPICA

Asterina gouldiae Stevens & Ryan

Dendrophoma gouldiae Stevens & Plunkett

Meliola sandwicensis Ell. & Ev.

Pluriporus gouldiae Stevens & Ryan

GOULDIA sp.

Enthallopycnidium gouldiae Stevens

Meliola kaduae Stevens

M. sandwicensis Ell. & Ev.

Mycosphaerella kaduae Stevens & Young

Septoria hawaiiensis Stevens & Plunkett

Sphaeropsis gouldiae Stevens & Plunkett

GRAMINEAE

Crepidotus rhizomorphus Burt
Fuligo septica (L.) Gmelin
Scirrhia lophodermioides Ell. & Ev.
Trichopeltis reptans Speg.

GUNNERA PETALOIDEA

Harknessia gunnerae Stevens & Young
Mycosphaerella hawaiiensis Stevens & Young

HEDYCHIUM CORONARIUM

Mycosphaerella hedychii Stevens & Young

HELIANTHUS ANNUUS

Heterodera marioni (Cornu) Goodey
Pythium irregulare Buisman var. *hawaiiense* Sid.
P. splendens Braun var. *hawaiianum* Sid.

HELICONIA sp.

Phyllosticta heliconiae Stevens & Young

HEMEROCALLIS FULVA

Ceratostomella paradoxa (de Seynes) Dade
Phytophthora sp.
Sclerotium rolfsii Sacc.

HEMEROCALLIS sp.

Phomopsis achillae (Sacc.) v. Möhn.

HETTEROPOGON CONTORTUS

Puccinia versicolar Diet. & Holw.
Sphaelotheca monilifera (Ell. & Ev.) Clint.

HIBISCUS ESCULENTUS

Heterodera marioni (Cornu) Goodey
Verticillium sp.

HIBISCUS SABDARIFFA

Botryosphaeria ribis chromogena Shear, Stevens & Wilcox
Diaporthe sp.
Fusarium radicumicola Wollen.
Heterodera marioni (Cornu) Goodey
Phoma macularis Desm.

HIBISCUS TILIACEUS

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox
Diaporthe sp.
Diplodia natalensis Evans
Mollisia petiolorum Cash
Patellaria atrata (Hedw.) Fr.
Physalospora fusca Stevens

HIBISCUS sp.

Heterodera marioni (Cornu) Goodey
Microthyriella hibisci Stevens
Xylaria sp.

HIPPEASTRUM sp.

Mosaic

HOLCUS sp.

Entyloma crastophilum Sacc.

Puccinia coronata Cda. (*P. rhamni* Wettst.)

HORDEUM VULGARE

Heterodera marioni (Cornu) Goodey

Ustilago hordei (Pers.) Kell. & Sw.

HYDROCOTYLE VERTICILLATA

Puccinia hydrocotyles (Link) Cke.

HYPOCHAERIS RADICATA

Ditylenchus dipsaci (Kühn) Filipjev

ILEX ANOMALA

Asterinella humiriae (P. Henn.) Theis.

INDIGOFERA SUTFRUTICOSA

Heterodera marioni (Cornu) Goodey

Pratylenchus pratensis (de Man) Filipjev

IPOMOEA BATATAS

Diaporthe batatatis (Ell. & Halst.) Harter & Field

Fusarium solani (Mart.) Sacc.

Heterodera marioni (Cornu) Goodey

Monilochaetes infuscans Halst.

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. hyphalosticton Sid.

N. leucosticton Sid.

N. polyandron Sid.

N. rhizophthoron Sid.

N. spaniogamon Sid.

N. thysanohyphalon Sid.

P. artotrogus (Mont.) de Bary var. macracanthum Sid.

P. debaryanum Hesse

P. diameson Sid.

P. irregulare Buisman var. hawaiiense Sid.

P. splendens Braun var. hawaiianum Sid.

Rhizopus nigricans Ehrenb.

Rotylenchus similis (Cobb) Filipjev

Septoria bataticola Taub.

IPOMOEA INDICA

Albugo ipomoeae-panduranae (Schw.) Swing.

Heterodera marioni (Cornu) Goodey

IPOMOEA PES-CAPRAE

Cercospora alabamensis Atk.

JUSSIAREA VILLOSA

Guignardia jussiaeae Stevens

KADUA GLOMERATA

Polystomella kaduae Stevens & Ryan

Trichopeltis reptans Speg.

KADUA GRANDIS

Mycosphaerella kaduae Stevens & Young

Septoria gouldiae Stevens & Young

KADUA KNUDSII

Meliola kauaiensis Stevens

M. sandwicensis Ell. & Ev.

KADUA sp.

Heterodera marioni (Cornu) Goodey

Meliola kaduae Stevens

M. kauaiensis Stevens

M. sandwicensis Ell. & Ev.

Mycosphaerella kaduae Stevens & Young

KORTIALSELLA sp.

Meliola visci Stevens

LABORDIA sp.

Amazonia psychotriae (P. Henn.) Theis.

LACTUCA SATIVA

Bacterium sp. (vitians?)

Heterodera marioni (Cornu) Goodey

Septoria lactucae Peck

LANTANA CAMARA

Diaporthe sp.

Physalospora fusca Stevens

Pratylenchus pratensis (de Man) Filipjev

Scleroderma lantanae Cash

LANTANA sp.

Patellaria atrata (Hedw.) Fr.

Schizoxylon insigne (De N.) Rehm

LANTYRUS ODORATUS

Fusarium sp.

Glomerella cingulata (Stonem.) S. and v.S.

LEGUMINOSAE

Rhizobium leguminosarum Frank

LEUCAFNA GLAUCA

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox

Diaporthe sp.

Sphaeropsis gouldiae Stevens & Plunkett

Trybliella rufula (Spreng.) Sacc.

LILIUM LONGIFLORUM

Heterodera marioni (Cornu) Goodey
Mosaic

LITCHI CHINENSIS

Gloeosporium sp.

LOBELIA sp.

Amazonia psychotriae (P. Henn.) Theis.
Asterina fimbriata Kalch. & Cke.
A. lobeliae Stevens & Ryan
Calothyriopeltis metrosideri Stevens & Ryan

LOCHNERA sp.

Phytophthora parasitica Dastur

LUPINUS HIRSUTUS

Fusarium sp.
Heterodera marioni (Cornu) Goodey

LYCOPERSICON ESCULENTUM

Alternaria solani (El. & Mart.) Jones & Grout
Colletotrichum sp.
Fern leaf (cucumber mosaic)
Heterodera marioni (Cornu) Goodey
Mosaic
Phoma destructiva Plow. amend. Jamieson
Phytophthora cinnamomi Rands
P. infestans (Mont.) de Bary
P. palmivora Butler
P. parasitica Dastur
Pratylenchus pratensis (de Man) Filipjev
Septoria lycopersici Speg.
Virus of yellow spot of pineapple

MACADAMIA TERNIFOLIA

Gloeosporium sp.

MANGIFERA INDICA

Antennellina hawaiiensis Mendoza
Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox
Chaetothyrium mangiferae Mendoza
Diaporthe sp.
Erinella longispora Karst.
Gloeosporium sp.
Glomereella cingulata (Stonem.) S. & v.S.
Hypoxylon effusum Nit.
Orbilbia epipora (Nyl.) Karst.
Phaeosphaerella mangiferae Stevens & Weedon
Polyporus gilvus Schw.
Trametes corrugata (Pers.) Bres.

MANIHOT ESCULENTA

Cercospora sp.
Gloeosporium sp.
Heterodera marioni (Cornu) Goodey

MANIHOT GLAZIOVII

Heterodera marioni (Cornu) Goodey

MARANTA DICHOTOMA

Phyllosticta marantaceae P. Henn.

MEDICAGO DENTICULATA

Heterodera marioni (Cornu) Goodey

MEDICAGO SATIVA

Heterodera marioni (Cornu) Goodey

Pseudopeziza medicaginis (Lib.) Sacc.

Uromyces medicaginis Pass.

MELIA AZEDARACH

Phytophthora parasitica Dastur

METROSIDEROS COLLINA subsp. POLYMORPHA

Amazonia ohianus Stevens

Arcyria cinerea (Bull.) Pers.

Dasyscypha citrino-alba (Penz. & Sacc.) Cash

Diatrype princeps Penz. & Sacc.

Meliolina haplochaeta Syd.

M. sydowiana Stevens

Metasphaeria hawaiiensis Stevens & Young

Mycosphaerella metrosideri Stevens & Young

Nummularia mauritanica Berk. & Cko.

Trichopeltis reptans Speg.

Trichothallus hawaiiensis Stevens

METROSIDEROS MACROPUS

Meliolina sydowiana Stevens

METROSIDEROS sp.

Asterina rickii Theis.

Calothyriopeltis metrosideri Stevens & Ryan

Penzigia globosum (Fr.) Rehm

MICROLEPIA sp.

Ramularia microlepieae Stevens

MIMOSA PUDICA

Heterodera marioni (Cornu) Goodey

MODIOLA CAROLINIANA

Cercospora althaeina Sacc.

MOMORDICA BALSAMINA

Heterodera marioni (Cornu) Goodey

MOMORDICA CHARANTIA

Cercospora echinocystis Ell. & Mart.

MORINDA CITRIFOLIA

Chaetothyrium hawaiiense Mendoza

Phaeosaccardinula morindae Mendoza

MUCUNA GIGANTEA

Phytophthora cinnamomi Rands

P. palmivora Butler

P. parasitica Dastur

MUSA CAVENDISHII

Fusarium cubense EFS.
 Gloeosporium sp.
 Heterodera marioni (Cornu) Goodey
 Mosaic

MUSA SAPIENTUM

Bacterium solanacearum EFS.
 Pythium arrhenomanes Drechs.
 Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.
 N. hyphalosticton Sid.
 N. polyandron Sid.
 N. rhizophthoron Sid.

MUSA sp.

Fusarium vasinfectum Atk.
 Gloeosporium musarum Cooke and Massae
 Guignardia musae Stevens
 Pestalozzia sp.
 Phoma musae Carp.
 Phyllosticta musae Stevens & Young
 P. musicola Stevens & Young

NEPHROLEPIS EXALTATA

Ramularia nephrolepis Stevens

NERIUM OLEANDER

Diaporthe sp.
 Phyllosticta nerii West.
 Sphaeropsis gouldiae Stevens & Plunkett

NICANDRA PHYSALODES

Heterodera marioni (Cornu) Goodey

NICOTIANA GLAUCA

Virus of yellow spot of pineapple

NICOTIANA TABACUM

Bacterium solanacearum EFS.
 Cercospora nicotianae Ell. & Ev.
 Heterodera marioni (Cornu) Goodey
 Mosaic
 Virus of yellow spot of pineapple

NICOTIANA sp.

Virus of yellow spot of pineapple

NOTHOPANAX sp.

Colletotrichum perogrunum Pass.

OPUNTIA sp.

Diplodia opuntiae Sacc.

ORYZA SATIVA

Helminthosporium sp.
 Piricularia grisea (Cke.) Sacc.
 Pythium graminicolum Subr.

OSMANTHEUS SANDWICENSIS

- Asterinella intensa (Cke. & Mass.) Theis.
- Aulacostroma osmanthi Stevens & Ryan
- Calothyriella osmanthi Stevens & Ryan
- Calothyrium osmanthi Stevens & Ryan
- Meliola osmanthis Sydow emend. Stevens

OSTEOMELIS ANTHYLLIDIFOLIA

- Diaporthe sp.
- Physalospora obtusa (Schw.) Cke. (P. malorum (Peck) Shear)

OXALIS CORNICULATA

- Heterodera marioni (Cornu) Goodey

OXALIS MARTIANA

- Heterodera marioni (Cornu) Goodey
- Pratylenchus pratensis (de Man) Filipjev

PAEDERIA FOETIDA

- Colcosporium paederiae Diet.

PALMAE

- Meliola palmicola Wint.

PANAX sp.

- Diaporthe sp.
- Diplodia natalensis Evans

PANDANUS ODORATISSIMUS

- Botryosphaeria ribis chromogena Shear, Stevens & Wilcox
- Diaporthe sp.
- Melanconium pandani Lév.
- Schizochora pandani Stevens

PANICUM NIPHELOPHILUM

- Puccinia esclavensis Diet. & Hol.

PANICUM PURPURASCENS

- Helminthosporium sp.
- Pythium arrhenomanes Drechs.
 - Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.
 - N. epiphanosporon Sid.
 - N. hyalosticton Sid.
 - N. leichyphon Sid.
 - N. leucosticton Sid.
 - N. polyandron Sid.
 - N. rhizophthoron Sid.
 - N. spaniogamon Sid.
 - N. thysanohyphalon Sid.
- P. artotrogus (Mont.) de Bary var. macrocanthum Sid.
- P. dianeson Sid.
- Uromyces leptodermus Syd.

PASPALUM CONJUGATUM

- Leptosphaeria proteispora Speg.
- Sorosporium paspali McAlp.

PASPALUM DILATATUM

- Claviceps paspali Stevens & Hall
- Sorosporium paspali McAlp.

PASPALUM ORBICULARE

Claviceps paspali Stevens & Hall

Pratylenchus pratensis (de Man) Filipjev

Puccinia levis (huberi) (Sacc. and Bizz.) Magn.

Sorosporium paspali McAlp.

PASSIFLORA EDULIS

Colletotrichum passiflorae Stevens & Young

PASSIFLORA LAURIFOLIA

Colletotrichum passiflorae Stevens & Young

PASSIFLORA sp.

Botrytis sp.

Heterodera marioni (Cornu) Goodey

PELEA BARBIGERA

Meliola peleae Stevens

PELEA CHIERIA

Meliola juddiana Stevens

M. peleae Stevens

PELEA CIUSIAEFOLIA

Meliola juddiana Stevens

PELEA ELLIPTICA

Meliola juddiana Stevens

M. peleae Stevens

PELEA HAWAIIENSIS

Meliola juddiana Stevens

PELEA KAUAIENSIS

Trichopeltis reptans Speg.

PELEA PARVIFOLIA

Meliola juddiana Stevens

PELEA ROTUNDIFOLIA

Hexagonella peleae Stevens & Guba

Meliola juddiana Stevens

M. peleae Stevens

PELEA SANDWICENSIS

Meliola juddiana Stevens

M. peleae Stevens

PELEA sp.

Glucosporium peleae Stevens

Meliola juddiana Stevens

M. peleae Stevens

Phragmocarpus smilicina Mondoza

Trichopeltis reptans Speg.

Trichothallus hawaiiensis Stevens

PEPEROMIA sp.

Trichopeltis reptans Speg.

PERROTTETIA SANDWICENSIS

Actinodothis perrottetiae Stevens

Amazonia perrottetiae Stevens

PERSEA AMERICANA

Gloeosporium sp.

Glomerella cingulata (Stonem.) S. & v.S.

PERSEA sp.

Fusarium radiculicola Wollen.

PETUNIA sp.

Bacterium solanacearum EFS.

PHASEOLUS AUREUS

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. hyphalosticton Sid.

N. polyandron Sid.

N. rhizophthoron Sid.

P. artotrogus (Mont.) de Bary var. macracanthum Sid.

P. irregulare Buisman var. hawaiense Sid.

P. splendens Braun var. hawaiianum Sid.

PHASEOLUS LATHYROIDES

Heterodera marioni (Cornu) Goodey

PHASEOLUS LIMENSIS

Heterodera marioni (Cornu) Goodey

PHASEOLUS LUNATUS

Phoma subcircinata Ell. & Ev.

PHASEOLUS VULGARIS

Bacterium phaseoli EFS.

Cercospora cruenta Sacc.

Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav.

Diaporthe phaseolorum (Cke. & Ell.) Sacc.

Heterodera marioni (Cornu) Goodey

Isariopsis griseola Sacc.

Phyllosticta sp.

Uromyces phaseoli typica Arthur

PHOENIX DACTYLIFERA

Graphiola phoenicis (Moug.) Poit.

PHYLLOCACTUS SP.

Colletotrichum phyllocacti Ell. & Ev.

PHYLLOSTEGIA FLORIBUNDA

Trichothallus hawaiiensis Stevens

PHYLLOSTEGIA sp.

Asterina phyllostegiae Stevens & Ryan

PHYSALIS PERUVIANA

Irene inermis (Kalch. & Cke.) Thoisi. & Syd.

PIPTURUS ALBIDUS

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox

Cercospora pipturi Stevens & Glick

Diaporthe sp.

Irene triloba (Wint.) Stevens

- PIPTURUS sp.
 Cyphella villosa (Pers.) Karst.
- PISUM SATIVUM
 Ascochyta sp.
 Fusarium sp.
 Heterodera marioni (Cornu) Goodey
 Virus of yellow spot of pineapple
- PITHECELOBIUM sp.
 Polyporus gilvus Schw.
- PITTOSPORUM sp.
 Rhabdospora pittospori Stevens & Young
- PLANTAGO sp.
 Cercospora plantaginis Sacc.
- PLATYDESMA CAMPANULATA
 Clypeoseptoria rockii Stevens & Young
- POA ANNUA
 Puccinia epiphylla (L.) Wettst.
 Septoria poa~trivialis Cocconi
- POLYGONUM GLABRUM
 Ustilago utriculosa (Nees) Tul.
- POLYGONUM sp.
 Puccinia polygoni-amphibii Pers.
- POLYPODIACEAE
 Fuligo septica (L.) Gmelin
 Helotium cremeum Cash
 Pezizella chrysostigma (Fr.) Sacc.
- PORTULACA GRANDIFLORA
 Dichtomophthora portulacae Mehr. & Fitz.
- PORTULACA LUTEA
 Dichtomophthora portulacae Mehr. & Fitz.
- PORTULACA OLERACEA
 Dichtomophthora portulacae Mehr. & Fitz.
 Heterodera marioni (Cornu) Goodey
 Rhizoctonia sp.
- POTHOS sp.
 Leptothyrium pothi Weedon
 Phyllosticta aricola Bubak
 P. pothicola Weedon
- PRITCHARDIA sp.
 Mollisia cinerea (Batsch) Karst
- PROSOPIS CHILENSIS
 Phoma musae Carp.
 Rhytidiasterium prosopidis Peck
- PROSOPIS sp.
 Diaporthe sp.
 Sphaeropsis gouldiae Stevens & Plunkett
 S. malorum Peck
 Tryblidiella rufula (Spreng.) Sacc.
- PRUNUS PERSICA
 Phyllosticta circumscissa Oke.
 Tranzschelia pruni-spinosa (Pers.) Diet.

PSIDIUM GUAJAVA

- Botryosphaeria ribis chromogona Shear, Stevens, & Wilcox
- Diaporthe sp.
- Gloeosporium sp.
- Limaciniella psidii Mendoza
- Orbilia leucostigma Fr.
- Trichopeltis reptans Spog.

PSIDIUM sp.

- Aschersonia marginata Ell. & Ev.

PTERIDIUM AQUILINUM

- Uredinopsis pteridis Diet. & Holw.

RAPHANUS SATIVUS

- Albugo candida (Pers.) Kuntze
- Heterodera marioni (Cornu) Goodey

RAPHANUS SATIVUS var. LONGIPINNATUS

- Heterodera marioni (Cornu) Goodey

RAPHANUS sp.

- Cercospora sp.
- Mosaic
- Virus of yellow spot of pineapple

RHEUM RHAPONTICUM

- Phyllosticta straminella Bres.

RHEUS SEMILALATA

- Dasyscypha citrino-alba (Penz. & Sacc.) Cash

RHYNCHOSPOTA LAVARUM

- Uromyces rhyncosporae El.

RHYNCHOSPORA SCIETRIOIDES

- Keliola cyperi Pat.

RICHARDIA SCABRA

- Heterodera marioni (Cornu) Goodey
- Phytophthora cinnamomi Rands
- P. parasitica Dastur
- Virus of yellow spot of pineapple

RICINUS COMMUNIS

- Botryosphaeria ribis chromogona Shear, Stevens, & Wilcox
- Diaporthe sp.
- Phytophthora cinnamomi Rands
- P. manoana Sid.
- P. palmivora Butler
- P. parasitica Dastur
- Pythium ascophallon Sid.
- P. polycladon Sid.

ROCKIA SANDWICENSIS

- Echidnoides pisoniae Stevens & Ryan

ROLLANDIA CRISPA

- Septoria rollandiae Stevens & Young

ROLLANDIA HUMBOLDTIANA

Limaciniopsis rollandiae Mendoza

ROSA sp.

Diplocarpon rosae Wolf

Mycosphaerella rosigena Ell. & Ev.

Oidium sp.

Phragmidium disciflorum (Tode) James

Phyllosticta sp.

RUBUS HAWAIIENSIS

Anomothallus erraticus Stevens

Irene puiggarii (Speg.) Doidge

Trichothallus hawaiiensis Stevens

RUBUS ROSAEFOLIUS

Stictis hawaiiensis Cash

RUBUS VILLOSUS

Kuehneola uredinis (Link) Arthur

SACCHARUM OFFICINARUM

Allantospora radiculicola Wakk.

Aspergillus sp.

Bacterium albilineans Ashby

Bacterium rubilineans (Lee, Purdy, Barnum, & Martin) Elliott

Capnodium sp.

Ceratostomella paradoxa (de Seynes) Dade

Cercospora vaginae Krug. (?)

Chlorotic streak virus

Cladosporium herbarum (Pers.) Link

Clathrus columnatus Bosc.

Cochliobolus stenospilus (Carp.) M. & Y. (*Helminthosporium stenospilum* Drechs.)

Colletotrichum falcatum Went

Curvularia lunata (Wakk.) Boed.

Dictyophora indusiata (Vent. ex Fr.) Fisch.

Fusarium moniliforme Sheld.

Gibberella fujikuroi (Saw.) Wollen.

G. fujikuroi (Saw.) Wollen. var. *Subglutinans* Edw.

Gnomonia iliaui Lyon

Graphium sp.

Helminthosporium sacchari (v. Breda de Haan) Butler

Heterodera marioni (Cornu) Goodey

Himantia stellifera Johns. (?)

Hormiactella sacchari Johns. (?)

Ithyphallus rubicundus (Bosc) Fisch.

Leptosphaeria sacchari v. Breda de Haan

Leptosphaeria sp.

Lophodermium sacchari Lyon

Macrosporium graminum Cke.

Karasmius sacchari Wakk.

Microspira northii Carp. & Bom. (juice)

(Saccharum officinarum cont.)

Mosaic

Mycosphaerella striatiformans Cobb*Nectria* sp.*Neurospora sitophila* Shear & Dodge*Nigrospora oryzae* (Berk. & Br.) Petch (*Basisporium gallarum* Moll.)*Odontia saccharicola* Burt*Penicillium glaucum* Link*Phyllosticta hawaiiensis* Caum (*P. sorghina* Sacc.)*Pleocyta sacchari* (Mass.) Petr. & Syd. (*Melanconium sacchari* Massee)*Pratylenchus pratensis* (de Man) Filipjev*Pythium arrhenomanes* Drechsler*Nematosporangium arrhenomanes* Drechs. var. *hawaiiensis* Sid.*N. epiphanosporon* Sid.*N. hyalosticton* Sid.*N. leiohyphon* Sid.*N. leucosticton* Sid.*N. polyandron* Sid.*N. rhizophthoron* Sid.*N. spaniogamon* Sid.*N. thysanohyphalon* Sid.*P. artotrogus* (Mont.) de Bary var. *macracanthum* Sid.*P. debaryanum* Hesse*P. diameson* Sid.*P. graminicolum* Subr. (?)*P. splendens* Braun var. *hawaiianum* Sid.*Rhizoctonia* sp.*Rhizopus* sp.*Rotylenchus similis* (Cobb) Filipjev*Schizophyllum commune* Fr.*Sclerotium rolfsii* Sacc.*Sclerotium* sp.*Strumella sacchari* Cke.*Trichoderma lignorum* (Tode) Harz.*Verticillium* sp.

SADLERIA sp.

Dasyscypha sadleriae Stevens & Young*Lycoperdon* sp.*Pezizella chrysostigma* (Fr.) Sacc.*Stictis radiata* (L.) Pers.

SAGITTARIA SAGITTIFOLIA

Cercospora sagittariae Ell. & Ev.*Pestalozzia* sp.

SALVIA COCCINEA

Septoria salviae-pratensis Pass.

SAMANEA SAMAN

Phyllosticta pithecolobii E. Young

SCAEVOLA CHAMISSONIANA

Irene scaevolicola Stevens*Mycosphaerella scaevolae* Stevens & Young*Phyllosticta scaevolae* Ell. & Ev.*Pleospora scaevolae* Stevens & Young

SCAEVOLA GLABRA

- Amazonia psychotriae (P.Henn.) Theis.
- Irene scaevolicola Stevens
- Mycosphaerella scaevolae Stevens & Young

SCAEVOLA MOLLIS

- Irene scaevolicola Stevens
- Mycosphaerella scaevolae Stevens & Young

SCAEVOLA sp.

- Amazonia psychotriae (P. Henn.) Theis.
- Calloriopsis gelatinosa (Ell. & Marts.) Syd.
- Calothyriopeltis scaevolae Stevens & Ryan
- ~~Sarcosoma~~ godronioides Rick
- Trichothallus hawaiiensis Stevens

SCHINUS MOLLE

- Botryosphaeria ribis chromogena Shear, Stevens & Wilcox
- Diaporthe sp.

SCHINUS TEREBINTHIFOLIUS

- Botryosphaeria ribis chromogena Shear, Stevens & Wilcox
- Diaporthe sp.

SCIRPUS sp.

- Uromyces scirpi (Cast.) Burr.

SETARIA VERTICILLATA

- Heterodera marioni (Cornu) Goodey
- Pratylenchus pratensis (de Man) Filipjev

SIDA RHOMBIFOLIA

- Leptothyrium sidae Stevens & Young

SIDA SPINOSA

- Leptothyrium sidae Stevens & Young

SIDA sp.

- Colletotrichum malvarum (Braun & Casp.) Southworth

SIDEROXYLON RHYNCOSPERMUM

- Pauahia sideroxyli Stevens

SIDEROXYLON SANDWICENSE

- Meliola sideroxyli Stevens

SINAPIS CERNUA

- Albugo candida (Pers.) Kuntze

SMILAX SANDWICENSIS

- Macrophoma smilacina (Pk.) Berl. & Vogl.
- Trichopeltis reptans Speg.

SMILAX sp.

- Phragmocapnias smilicina Mendoza
- Trichothallus hawaiiensis Stevens

SOLANUM MELONGENA

- Cercospora melongenae Welles
- Fusarium sp.
- Heterodera marioni (Cornu) Goodey
- Phomopsis vexans (Sacc. & Syd.) Harter
- Phyllosticta hortorum Speg.
- Septoria lycopersici Speg.
- Virus of yellow spot of pineapple

SOLANUM NODIFLORUM (nigrum)

- Heterodera marioni (Cornu) Goodey
- Virus of yellow spot of pineapple

SOLANUM TUBEROSUM

- Actinomyces scabies (Thax.) Güssow
- Alternaria solani (Ell. & Mart.) Jones & Grout
- Bacillus atrosepticus van Hall
- Bacterium solanacearum EFS.
- Fusarium coeruleum (Lib.) Sacc.
- F. oxysporum Schlecht.
- F. radicicola Wollen.
- Heterodera marioni (Cornu) Goodey
- Mosaic
- Phytophthora infestans (Mont.) de Bary
- Pythium arrhenomanes Drechs.
- Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.
- N. epiphanosporon Sid.
- N. hyphalosticton Sid.
- N. leiohyphon Sid.
- N. leucosticton Sid.
- N. polyandron Sid.
- N. rhizophthoron Sid.
- N. spaniogamon Sid.
- N. thysanohyphalon Sid.
- P. debaryanum Hesse
- P. diameson Sid.
- Rhizoctonia solani Kühn
- Rugose mosaic
- Sclerotium rolfsii Sacc.
- Spongospora subterranea (Wallr.) Johns.
- Verticillium sp.

SOLANUM sp.

- Gibberella pulicaris (Fr.) Sacc.

SONCHUS OLERACEUS

- Alternaria sonchi Stevens
- Heterodera marioni (Cornu) Goodey
- Pratylenchus pratensis (de Man) Filipjev

SORGHUM HALEPENSE

- Puccinia purpurea Cooke

SORGHUM VULGARE

- Heterodera marioni (Cornu) Goodey

SORGHUM sp.

- Sphacelotheca reiliana (Kühn) Clint.
- S. sorghi (Lk.) Clint.

SPINACIA OLERACEA

- Blight (virus)
- Heterodera marioni (Cornu) Goodey
- Peronospora effusa (Grev.) Rabenh.
- Pythium allantocladon Sid.
- P. ascophallon Sid.
- P. teratosporon Sid.

SPOROBOLUS ELONGATUS

Helminthosporium ravenelii Curt. & Berk.

SPOROBOLUS POIRETII

Helminthosporium ravenelii Curt. & Berk.

STACHYS ARVENSIS

Virus of yellow spot of pineapple

STACHYTARPHETA DICHOTOMA

Phoma herbarum West.

STACHYTARPHETA JAMAICENSIS

Rhizoctonia sp.

STIZOLOBIUM DEERINGIANUM

Heterodera marioni (Cornu) Goodey

Phytophthora palmivora Butler

P. parasitica Dastur

STRAUSSIA HAWAIIENSIS

Amazonia psychotriae (P. Henn.) Theis.

STRAUSSIA KADUANA

Amazonia psychotriae (P. Henn.) Theis.

Meliola kaduae Stevens

STRAUSSIA MARINIANA

Amazonia psychotriae (P. Henn.) Theis.

Chaetothyrium straussiae Mendoza

STRAUSSIA sp.

Amazonia psychotriae (P. Henn.) Theis.

Lyonella neurophila Syd.

Melolola kaduae Stevens

Trichopeltis reptans Speg.

Trichothallus hawaiiensis Stevens

STRELITZEA REGINAE

Fusarium sp.

SUTTONIA KAUAIENSIS

Actinodothis suttoniae Stevens

SUTTONIA LANAIENSIS

Beelia suttoniae Stevens & Ryan

SUTTONIA LESSERTIANA

Actinodothis suttoniae Stevens

Oligostroma suttoniae Stevens

Trichopeltis reptans Speg.

SUTTONIA SANDWICENSIS

Calothyrium suttoniae Stevens & Ryan

SUTTONIA SP.

Asterina suttoniae Stevens & Ryan

Hendersonia nitida Ell. & Ev.

Meliola sp.

TARAXACUM VULGARE

Heterodera marioni (Cornu) Goodey

Puccinia hieracii (Schum.) Mart. (P. taraxaci Plowr.)

Virus of yellow spot of pineapple

TECTONA GRANDIS

Cercospora tectoniae Stevens

TEPHROSIA VOGELII

Heterodera marioni (Cornu) Goodey

TERMINALIA sp.

Mollisia petiolorum Cash

TETRAPLASANDRA HAWAIIENSIS

Seynesiopeltis tetraplasandrae Stevens & Ryan

TETRAPLASANDRA MEIANDRA

Seynesiopeltis tetraplasandrae Stevens & Ryan

TRICHOIAENA REPENS

Heterodera marioni (Cornu) Goodey

TRITICUM VULGARE

Heterodera marioni (Cornu) Goodey

Puccinia rubigo-vera (DC.) Wint. (P. clematidis Lagerh.)

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. epiphanosporon Sid.

N. hyalosticton Sid.

N. leiohyphon Sid.

N. leucosticton Sid.

N. polyandron Sid.

N. rhizophthoron Sid.

N. spaniogamon Sid.

N. thysanohyphalon Sid.

P. splendens Braun var. hawaiianum Sid.

TROPAEOLUM sp.

Bacterium solanacearum EFS.

VACCINIUM RETICULATUM

Irene exilis (Syd.) Stevens

Meliola alyxiae Stevens

M. vaccinii Stevens

Pucciniastrum myrtilli (Schum.) Arthur

Trichopeltis reptans Speg.

VACCINIUM sp.

Asterina delitescens Ell. & Mart.

VANILLA FRAGRANS

Glucosporium sp.

VERBENA BONARIENSIS

Heterodera marioni (Cornu) Goodey

Stictis stellata var. philippinensis Rehm

VERBENA sp.

Oidium sp.

VERNONIA CINERIA

Heterodera marioni (Cornu) Goodey

VICIA FABA

Heterodera marioni (Cornu) Goodey

Mosaic

(Vicia faba cont.)

Phyllosticta sp.

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. spaniogamon Sid.

P. debaryanum Hesse

P. diameson Sid.

P. irregulare Buisman var. hawaiiense Sid.

P. splendens Braun var. hawaiianum Sid.

VIGNA SESQUIPEDALIS

Uromyces phaseoli vignae (Barclay) Arthur

VIGNA SINENSIS

Heterodera marioni (Cornu) Goodey

Pythium artotrogus (Mont.) de Bary var. macracanthum Sid.

P. debaryanum Hesse

P. splendens Braun var. hawaiianum Sid.

Uromyces phaseoli vignae (Barclay) Arthur

VIOLA sp.

Phyllosticta violae Desmaz.

WIKSTROEMIA ELONGATA

Amazonia psychotriae (P. Henn.) Theis.

WIKSTROEMIA FOETIDA var. OAHUENSIS

Amazonia psychotriae (P. Henn.) Theis.

WIKSTROEMIA PHILLYREAEFOLIA

Amazonia psychotriae (P. Henn.) Theis.

Botryosphaeria ribis chromogena Shear, Stevens, & Wilcox

Diaporthe sp.

Physalospora fusca Stevens

WIKSTROEMIA UVA -URSI

Pucciniastrum wikstroemiae Arthur

WIKSTROEMIA sp.

Amazonia psychotriae (P. Henn.) Theis.

Calloriopsis gelatinosa (Ell. & Mart.) Syd.

XANTHIUM SACCARATUM

Oidium sp.

Puccinia xanthii Schw.

ZEA MAYS

Heterodera marioni (Cornu) Goodey

Pythium arrhenomanes Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid.

N. epiphanosporon Sid.

N. hyphalosticton Sid.

N. leiohyphon Sid.

N. leucosticton Sid.

(Zea mays cont.)

(Pythium arrhenomanes Drechs. cont.)

- N. polyandron Sid.
- N. rhizophthoron Sid.
- N. spaniogamon Sid.
- N. thysanohyphalon Sid.

P. dobaryanum Hesse

P. diameson Sid.

P. teratosporon Sid.

Ustilago zeae (Beckm.) Unger

ZINGIBER OFFICINALE

Coniothyrium zingiberi Stevens & Atienza

Fusarium sp.

Pythium sp.

ZINGIBER ZERUMBET

Phyllosticta zingiberis Stevens & Ryan

ZINNIA PAUCIFLORA

Heterodera marioni (Cornu) Goodey

ZINNIA sp.

Heterodera marioni (Cornu) Goodey

Oidium sp.

MICROORGANISMS AND VIRUSES PRESENT IN HAWAII AND THEIR HOSTS

Numbers in parentheses refer to the bibliography. Where all of the recorded hosts of an organism can be attributed to a single investigator, the citation is given after the organism rather than repeated for each host. Where no host is given, the organism is found growing on one or more of the following: dead branches, twigs, leaves, wood, bark, trunks, stems, logs, stumps, roots, dung, earth, etc.

The following symbols have been used:

I -- Organism shown to be a host by inoculation.

R -- Recognized as present in Hawaii, but not reported.

FUNGI

Myxomycetes (1)

ALWISIA BOMBARDA Berk. & Br.
 ARCYRIA CARNEA G. Lister
 ARCYRIA CINEREA (Bull.) Pers.
 ARCYRIA CINEREA (Bull.) Pers. var. DIGITATA G. Lister
 ARCYRIA DENUDATA (L.) Sheldon
 ARCYRIA FERRUGINEA Sauter
 ARCYRIA NUTANS (Bull.) Grev.
 ARCYRIA VIRESCENS G. Lister

BADHAMIA AFFINIS Rost.
 BADHAMIA AFFINIS Rost. var. ORBICULATA Rox.
 BADHAMIA CAPSULIFERA (Bull.) Berk.
 BADHAMIA GONIOSPORA Meyl.
 BADHAMIA MANDSURICA Skvor.
 BADHAMIA NITENS Berk.
 BADHAMIA UTRICULARIS (Bull.) Berk.
 BADHAMIA VERSICOLOR Lister

CERATIOMYXA FRUCTICULOSA (Muell.) Macbr.
 CERATIOMYXA FRUCTICULOSA (Muell.) Macbr. var. FLEXUOSA Lister
 CIENKOWSKIA RETICULATA Rost.
 CLASTODERMA DEBARYANUM Blytt
 COMATRICHIA LAXA Rost.
 COMATRICHIA LONGA Peck
 COMATRICHIA NIGRA Schroet.
 COMATRICHIA PULCHELLA Rost.
 COMATRICHIA PULCHELLA Rost. var. GRACILIS G. Lister

COMATRICHA TYPHOIDES (Bull.) Rost.
 CRATERIUM LEUCOCEPHALUM Ditm.
 CRIBRARIA DICTYDIOIDES Cke. and Balf.
 CRIBRARIA INTRICATA Schrad.
 CRIBRARIA INTRICATA Schrad. var. DICTYDIOIDES (Cke. & Balf.) Lister
 CRIBRARIA MICROCARPA Pres.
 CRIBRARIA MINUTISSIMA Schw.
 CRIBRARIA PIRIFORMIS Schrad.
 CRIBRARIA TENELLA Schrad. var. CONCIINNA G. Lister
 CRIBRARIA VIOLACEA Rex.

DIACHAEA LEUCOPODA (Bull.) Rost.
 DICTYDIUM CANCELLATUM (Batsch.) Macbr.
 DIDERMA EFFUSUM Morg.
 DIDERMA LYALLII Mass.
 DIDERMA TESTACEUM Schrad.
 DIDYMIUM CRUSTACEUM Fr.
 DIDYMIUM FLEXUOSUM Yamashiro
 DIDYMIUM MELANOSPERIUM (Pers.) Macbr.
 DIDYMIUM NIGRIPES (Link) Fr.
 DIDYMIUM NIGRIPES (Link) Fr. var. XANTHOPUS List.
 DIDYMIUM PERFORATUM Yamashiro
 DIDYMIUM SQUAMULOSUM Fr.

ERIONEMA AUREUM Penz.

FULIGO CINEREA Morg. var. ESCORTICATA Lister
 FULIGO MUSCORUM Alb. & Schw.
 FULIGO SEPTICA (L.) Gmel.

HEMITRICHIA CLAVATA (Pers.) Rost.
 HEMITRICHIA LEIOTRICHIA List.
 HEMITRICHIA SERPULA (Scop.) Rost.
 HEMITRICHIA VESPARIUM (Batsch.) Macbr.

LAMPRODERMA ARCYRIONEMA Rost.
 LAMPRODERMA COLUMBINUM Pers.
 LAMPRODERMA COLUMBINUM Pers. var. GRACILIS G. Lister
 LAMPRODERMA SCINTILLANS (Berk. & Br.) Morg.
 LYCOGALA EPIDENDRUM (Link) Fr.
 LYCOGALA FLAVO-FUSCUM (Ehr.) Rost.

OPHIOTHECA WRIGHTII Berk. & Curt.

PERICHAENA CHRYSOSPERMA Lister
 PERICHAENA DEPRESSA Libert.
 PERICHAENA VERMICULARIS Rost.
 PHYSARELLA OBLONGA Morg.

PHYSARUM AENEUM Fr.
 PHYSARUM ASIATICUM Skvor.
 PHYSARUM COMPRESSUM Alb. & Schw.
 PHYSARUM CONTEXTUM Pers.
 PHYSARUM CUTRINUM Schum.
 PHYSARUM GRISEUM Skvor.
 PHYSARUM LAYDIS Torr.
 PHYSARUM LEUCOPUS Link.
 PHYSARUM MELIEUM Mass.
 PHYSARUM NEUCLEATUM Rex.
 PHYSARUM NUTANS Pers.
 PHYSARUM POLYCEPHALUM Schw.
 PHYSARUM PSITTACINUM Ditm. var. FULVUM Lister
 PHYSARUM PUSILLUM Lister
 PHYSARUM ROSEUM Berk. & Br.
 PHYSARUM ROSEUM Berk. & Br. var. DISCOCEPHALUM Yamashiro
 PHYSARUM SERPULA Morg.
 PHYSARUM SINUOSUM Weinm.
 PHYSARUM VIRIDE (Bull.) Pers.

STEMONITIS AXIFERA (Bull.) Macbr.
 STEMONITIS CONFLUENS Cooke & Ellis
 STEMONITIS FLAVOCENITA Jahn.
 STEMONITIS FUSCA Roth
 STEMONITIS HERBATICA Pk.
 STEMONITIS PALLIDA Wing
 STEMONITIS SPLENDENS Rost.
 STEMONITIS SPLENDENS Rost. var. FLACCIDA Lister
 STEMONITIS VIRGINIENSIS Rex.

TRICHIA ASIATICA Skvor.
 TRICHIA CONTORTA Rost. var. INCONSPICUA Lister
 TRICHIA PERSIMILIS Karst.
 TUBIFERA FERRIGINOSA Gmel.
 TUBIFERA STIPITATA Macbr.

Phycomycetes

ALBUGO CANDIDA (Pers.) Kuntze
 Brassica campestris (4)
 Raphanus sativus (49)
 Sinapis cernua (4)
 ALBUGO IPOMOEAEE- PANDURANAE (Schw.) Swing.
 Ipomoea indica (64)
 APHANOMYCES sp.
 Ananas comosus (69)

MORTIERELLA ELASSON Sid. & Pax. (60)

PERONOSPORA EFFUSA (Grev.) Rabenh.

Spinacia oleracea (54)

PHYTOPHTHORA CINNAMOMI Rands

Allium cepa (59) I

Ananas comosus (46)

Cajanus cajan (69) I

Gleichenia emarginata (46)

Gleichenia linearis (69)

Lycopersicon esculentum (46) I

Mucuna gigantea (46) I

Richardia scabra (69) I

Ricinus communis (46) I

PHYTOPHTHORA CITROPHTHORA (Sm. & Sm.) Leonian (Pythiacystis citrophthora Sm. & Sm.)

Ananas comosus (69) I

Citrus aurantifolia (52)

PHYTOPHTHORA COLOCASIAE Racib.

Colocasia esculenta (5)

PHYTOPHTHORA INFESTANS (Mont.) de Bary (3)

Lycopersicon esculentum

Solanum tuberosum

PHYTOPHTHORA MANOANA Sideris (P. palmivora Butler)

Allium cepa (56) I

Ricinus communis (46)

PHYTOPHTHORA PALMIVORA Butler

Allium cepa (59)

Ananas comosus (46)

Cajanus cajan (69) I

Carica papaya (56) I

Cocos nucifera (70)

Crotalaria incana (46) I

Crotalaria sp. (69) I

Lycopersicon esculentum (46) I

Mucuna gigantea (46) I

Richardia scabra (46) I

Ricinus communis (46) I

Stizolobium deeringianum (69) I

PHYTOPHTHORA PARASITICA Dastur

Allium cepa (59)

Ananas comosus (46)

Antirrhinum majus (59)

Bidens sp. (46)

Cajanus cajan (46) I

Carica papaya (46) I

Crotalaria incana (46) I

(Phytophthora parasitica cont.)

- Crotalaria sp. (69) I
- Lochnera sp. (69)
- Lycopersicon esculentum (46) I
- Melia azedarach (46) I
- Mucuna gigantea (46) I
- Richardia scabra (46) I
- Ricinus communis (46) I
- Stizolobium deeringianum (69) I

PHYTOPHTHORA sp.

- Hemerocallis fulva (70)

PSEUDOPTERONOSPORA CUBENSIS (Berk. & Curt.) Rostew. (49)

- Cucumis melo
- Cucumis sativus
- Cucurbita pepo

PYTHIUM ACANTHOPHORON Sid.

- Ananas comosus (58)

PYTHIUM ALLENTOCCLADON Sid.

- Spinacia oleracea (57)

PYTHIUM APHANIDERMATUM (Eds.) Fitz.

- Ananas comosus (58)

PYTHIUM APHANIDERMATUM (Eds.) Fitz. var. HAWAIIENSIS Sid.

- Carica papaya (57)

PYTHIUM ARAIOSPORON Sid.

- Carica papaya (57)

PYTHIUM ARRHENOMANES Drechs.

Nematosporangium arrhenomanes Drechs. var. hawaiiensis Sid. (66)

- Ananas comosus (57)
- Cajanus cajan (56) I
- Ipomoea batatas (56) I
- Musa sapientum (56) I
- Panicum purpurascens (56) I
- Phaseolus aureus (56) I
- Saccharum officinarum (56) I
- Solanum tuberosum (56) I
- Triticum vulgare (56) I
- Vicia faba (56) I
- Zea mays (56) I

N. epiphanosporon (Subr.) Sid. (66)

- Ananas comosus (57)
- Panicum purpurascens (56) I
- Saccharum officinarum (56) I
- Solanum tuberosum (56) I
- Triticum vulgare (56) I
- Zea Mays (56) I

N. hyphalosticton Sid. (66)

- Ananas comosus (57)
- Cajanus cajan (56) I

(*Pythium arrhenomanes* Drechs. cont.)

N. hyphalosticton Sid. (66) cont.

Ipomoea batatas (57) I
Musa sapientum (57) I
Panicum purpurascens (56) I
Phaseolus aureus (57) I
Saccharum officinarum (69) I
Solanum tuberosum (56) I
Triticum vulgare (56) I
Zea mays (56) I

N. leiohyphon Sid. (66)

Ananas comosus (57)
Panicum purpurascens (56) I
Saccharum officinarum (56) I
Solanum tuberosum (56) I
Triticum vulgare (56) I
Zea mays (56) I

N. leucosticton Sid. (66)

Ananas comosus (57) I
Bilbergia sp. (57)
Ipomoea batatas (57) I
Panicum purpurascens (56) I
Saccharum officinarum (56) I
Solanum tuberosum (56) I
Triticum vulgare (56) I
Zea mays (56) I

N. polyandron Sid. (66)

Ananas comosus (57)
Cajanus cajan (56) I
Ipomoea batatas (56) I
Musa sapientum (56) I
Panicum purpurascens (56) I
Phaseolus aureus (56) I
Saccharum officinarum (56) I
Solanum tuberosum (56) I
Triticum vulgare (56) I
Zea mays (56) I

N. rhizophthoron Sid. (66)

Ananas comosus (57)
Ipomoea batatas (56) I
Musa sapientum (56) I
Panicum purpurascens (56) I
Phaseolus aureus (56) I
Saccharum officinarum (56) I
Solanum tuberosum (56) I
Triticum vulgare (56) I
Zea mays (56) I

(Pythium arrhenomanes cont.)

N. spaniogamon Sid. (66)

Ananas comosus (57)
 Commelina nudiflora (57) I
 Ipomoea batatas (56) I
 Panicum purpurascens (56) I
 Phaseolus aureus (56) I
 Saccharum officinarum (56) I
 Solanum tuberosum (56) I
 Triticum vulgare (56) I
 Vicia faba (56) I
 Zea mays (56) I

N. thysanohyphalon Sid. (66)

Ananas comosus (57)
 Ipomoea batatas (56) I
 Panicum purpurascens (56) I
 Saccharum officinarum (56) I
 Solanum tuberosum (56) I
 Triticum vulgare (56) I
 Zea mays (56) I

PYTHIUM ARTOTROGUS (Mont.) deBary var. MACRACANTHUM Sid.

Ananas comosus (57)
 Cajanus cajan (56) I
 Canavalia ensiformis (58) I
 Ipomoea batatas (58) I
 Panicum purpurascens (58) I
 Phaseolus aureus (56) I
 Saccharum officinarum (58) I
 Vigna sinensis (58) I

PYTHIUM ASCOPHALLON Sid.

Ananas comosus (58) I
 Ricinus communis (58)
 Spinacia oleracea (58)

PYTHIUM BUTLERI Subr.

Ananas comosus (57)

PYTHIUM CHAMAEHYPHON Sid.

Carica papaya (58)

PYTHIUM COMPLECTENS Braun (P. vexans deBary)

Carica papaya (58)

PYTHIUM DEBARYANUM Hesse

Ananas comosus (58)
 Cajanus cajan (58) I
 Canavalia ensiformis (58) I
 Colocasia esculenta ? (9)
 Ipomoea batatas (58) I
 Saccharum officinarum (9)
 Solanum tuberosum (58) I
 Vicia faba (58) I
 Vigna sinensis (58) I
 Zea mays (58) I

PYTHIUM DIAMESON Sid.

Ananas comosus (58)
 Cajanus cajan (56) I
 Canavalia ensiformis (56) I
 Ipomoea batatas (56) I
 Panicum purpurascens (56) I
 Saccharum officinarum (56) I
 Solanum tuberosum (56) I
 Vicia faba (56) I
 Zea mays (56) I

PYTHIUM EUTHYHYPHON Sid.

Ananas comosus (58)

PYTHIUM GRAMINICOLUM Subr. (4)

Ananas comosus
 Oryza sativa
 Saccharum officinarum (?)

PYTHIUM INDIGOTRAE Butler

Ananas comosus (57) I

PYTHIUM IRREGULARE Buisman var. HAWAIIENSE Sid.

Ananas comosus (58)
 Cajanus cajan (58) I
 Canavalia ensiformis (58) I
 Helianthus annuus (58) I
 Ipomoea batatas (58) I
 Phaseolus aureus (56) I
 Vicia faba (56) I

PYTHIUM MAMILLATUM Mours

Ananas comosus (61) I (?)

PYTHIUM POLYCLADON Sid.

Ananas comosus (58) I
 Ricinus communis (58)

PYTHIUM POLYMORPHON Sid.

Ananas comosus (58)

PYTHIUM SPLENDENS Braun var. HAWAIIANUM Sid.

Ananas comosus (58)
 Cajanus cajan (58) I
 Canavalia ensiformis (58) I
 Helianthus annuus (58) I
 Ipomoea batatas (58) I
 Phaseolus aureus (56) I
 Saccharum officinarum (56) I
 Triticum vulgare (58) I
 Vicia faba (58) I
 Vigna sinensis (58) I

PYTHIUM TERATOSPORON Sid.

- Allium cepa (58) I
- Ananas comosus (58) I
- Cajanus cajan (56) I
- Spinacea oleracea (58)
- Zea mays (58) I

PYTHIUM sp.

- Colocasia esculenta (4)
- Zingiber officinale (51)

RHIZIDIOCYSTIS ANANASI Sid.

- Ananas comosus (55)

RHIZOPUS NIGRICANS Ehrenb.

- Ipomoea batatas (64)

RHIZOPUS sp.

- Ananas comosus (canned) (69)
- Artocarpus incisa (70)
- Ficus carica (51)
- Saccharum officinarum (70)

SPONGOSPORA SUBTERRANEA (Wallr.) Johns.

- Solanum tuberosum (11)

Ascomycetes

ACTINODOTHIDOPSIS COMPROSMÆ Stevens

- Coprosma sp. (64)

ACTINODOTHIS PERROTTETIÆ Stevens

- Perrottetia sandwicensis (64)

ACTINODOTHIS SUTTONIÆ Stevens (64)

- Suttonia kauaiensis
- Suttonia lessertiana

AMAZONIA OHIANUS Stevens

- Metrosideros collina subsp. polymorpha (64)

AMAZONIA PERROTTETIÆ Stevens

- Perrottetia sandwicensis (64)

AMAZONIA PSYCHOTRIÆ (P. Henn.) Theis. (64)

- Alyxia olivaeformis
- Clermontia multiflora
- Clermontia sp.
- Coprosma sp.
- Euphorbia clusiaefolia
- Labordia sp.
- Lobelia sp.
- Scaevola glabra
- Scaevola sp.
- Straussia hawaiiensis
- Straussia kaduana
- Straussia mariniana
- Straussia sp.

(Amazonia psychotriæ (P. Henn.) Theis.cont.)

Wikstroemia elongata

Wikstroemia foetida var. oahuensis

Wikstroemia phillyreaefolia

Wikstroemia sp.

ANOMOTIALIUS ERRATICUS Stevens

Rubus hawaiiensis (64)

ANTENNEILINA HAWAIIENSIS Mendoza

Mangifera indica (64)

APIOSPORA MONTAGNEI Sacc.

Cortaderia argentea (64)

ASCOBOLUS STERCORARIUS (Bull.) Schroet. (13)

ASPERGILLUS NIGER V. Tiegh. (69)

ASPERGILLUS sp.

Ananas comosus (canned) (69)

Saccharum officinarum (70)

ASTERINA ASPIDII Theis.

Diospyros sandwicensis (64)

ASTERINA CLERMONTIAE Stevens & Ryan

Clermontia sp. (64)

ASTERINA DELITESCENS Ell. & Mart.

Vaccinium sp. (64)

ASTERINA FIMBRIATA Kalch. & Cooke

Lobelia sp. (64)

ASTERINA GOULDIAE Stevens & Ryan

Gouldia terminalis var. typica f. eutypica (64)

ASTERINA ILDEFONSIÆ (Rehm) Theis.

Claoxylon sandwicense (64)

ASTERINA KAUAIENSIS Stevens & Ryan (64)

ASTERINA LOBELIAE Stevens & Ryan

Lobelia sp. (64)

ASTERINA PHYLLOSTEGIAE Stevens & Ryan

Phyllostegia sp. (64)

ASTERINA RICKII Theis.

Metrosideros sp. (64)

ASTERINA SUTTONIAE Stevens & Ryan

Suttonia sp. (64)

ASTERINELLA HUMIRIAE (P. Henn.) Theis.

Ilex anomala (64)

ASTERINELLA INTENSA (Cke. & Mass.) Theis.

Osmanthus sandwicensis (64)

ASTERINELLA MABAE Stevens & Ryan (64)

Diospyros hillebrandii

Diospyros sandwicensis

AULACOSTROMA OSMANTHI Stevens & Ryan

Osmanthus sandwicensis (64)

AULOGRAPHELLA BAUMEAE Stevens & Ryan

Cladium meyenii (64)

BEELIA SUTTONIAE Stevens & Ryan

Suttonia lanaiensis (64)

BOTRYOSPHERIA RIBIS CHROMOGENA Shear, Stevens & Wilcox

Acalypha sp. (65)

Aleurites moluccana (65)

Eriobotrya japonica (51)

Eucalyptus sp. (65)

Hibiscus sabdariffa (65)

Hibiscus tiliaceus (65)

Leucaena glauca (65)

Mangifera indica (65)

Pandanus odoratissimus (65)

Pipturus albidus (65)

Psidium guajava (65)

Ricinus communis (65)

Schinus molle (65)

Schinus terebinthifolius (65)

Wikstroemia phillyreaefolia (65)

CALLORIOPSIS GELATINOSA (Ell. & Mart.) Syd.

Wikstroemia sp. (11)

CALOTHYRIELLA OSMANTHI Stevens & Ryan

Osmanthus sandwicensis (64)

CALOTHYRIOPELTIS CLERMONTIAE Stevens & Ryan

Clermontia oblongifolia (64)

CALOTHYRIOPELTIS METROSIDERI Stevens & Ryan

Lobelia sp. (64)

Metrosideros sp. (64)

CALOTHYRIOPELTIS SCAEVOLAE Stevens & Ryan

Scaevola sp.

CALOTHYRIUM OSMANTHI Stevens & Ryan

Osmanthus sandwicensis (64)

CALOTHYRIUM SUTTONIAE Stevens & Ryan

Suttonia sandwicensis (64)

CAPNODIOPSIS sp.

Cordyline terminalis (70)

CAPNODIUM sp.

Coffea sp. (4)

Saccharum officinarum (46)

CERATOSTOMEILLA PARADOXA (deSeynes) Dade

Ananas comosus (29)

Hemerocallis fulva (70)

- (*Ceratostomella paradoxa* (deSeynes) Dade cont.)
Saccharum officinarum (18)
 CHAETOTHYRIUM HAWAIIENSE Mendoza
Morinda citrifolia (64)
 CHAETOTHYRIUM MANGIFERAE Mendoza
Mangifera indica (64)
 CHAETOTHYRIUM STRAUSSIAE Mendoza
Straussia mariniana (64)
 CHLOROSPORIUM AERUGINASCENS (Nyl.) Karst. (11)
 CLAVICEPS PASPALI Stevens & Hall (50)
Paspalum dilatatum
Paspalum orbiculare
 CLYPEOLELLA CLERMONTIAE Stevens & Ryan
Clermontia sp. (64)
 CLYPEOSPHAERIA STEVENSII Syd.
Freycinetia sp. (64)
 COCHLIOBOLUS STENOSPILUS (Carp.) M. & Y.
Saccharum officinarum (7)
 CORYNE SARCOIDES (Jacq.) Tul.
Aleurites sp. (11)
- DASYSCYPHA CITRINO-ALBA (Penz. & Sacc.) Cash (11)
Metrosideros collina subsp. *polymorpha*
Rhus semialata
 DASYSCYPHA JAVANICA Penz. & Sacc.
Cibotium menziesii (11)
 DASYSCYPHA SADLERIAE Stevens & Young
Sadleria sp. (64)
 DASYSCYPHA ULEI (Wint.) Sacc. (64)
Gleichenia glauca
Gleichenia sp.
 DAWINCIA HELIO Penz. & Sacc.
Eupatorium sp. (11)
 DIAPORTHE BATATATIS (Ell. & Halst.) Harter & Field
Ipomoea batatas (8)
 DIAPORTHE PHASEOLORUM (Cke. & Ell.) Sacc.
Phascolus vulgaris (4)
 DIAPORTHE sp. (65)
Acalypha sp.
Aleurites moluccana
Eucalyptus sp.
Gossypium sp.
Hibiscus sabdariffa
Hibiscus tiliaceus
Lantana camara
Leucaena glauca
Mangifera indica
Nerium oleander
Osteomeles anthyllidifolia

(Diaporthe sp. cont.)

Panax sp.
 Pandanus odoratissimus
 Pipturus albidus
 Prosopis sp.
 Psidium guajava
 Ricinus communis
 Schinus molle
 Schinus terebinthifolius
 Wikstroemia phillyreaefolia

DIATRYPE PRINCEPS Penz. & Sacc.

Metrosideros collina subsp. polymorpha (64)

DIPLOCARPON ROSAE Wolf

Rosa sp. (50)

ECHIDNODELLA COCCULI Stevens & Ryan

Cocculus ferrandianus (64)

ECHIDNODELLA MABAE Stevens & Ryan

Diospyros sandwicensis (64)

ECHIDNODELLA RAILLARDIAE Stevens & Ryan

Dubautia sp. (54)

ECHIDNODES PISONIAE Stevens & Ryan (64)

Ceodes umbellifera

Rockia sandwicensis

ENTHALLOPYCNIDIUM GOULDIAE Stevens

Gouldia sp. (64)

ERINELLA LONGISPORA Karst.

Mangifera indica (64)

ERYSIPHE CICHORACEARUM DC. (64)

ERYSIPHE POLYGONI DC. (64)

GIBBERELLA FUJIKUROI (Saw.) Wollen.

Saccharum officinarum (30)

GIBBERELLA FUJIKUROI (Saw.) Wollenw. var. SUBGLUTINANS Edw.

Saccharum officinarum (66)

GIBBERELLA LAGERHEIMII Rehm

Freycinotia arborea (64)

GIBBERELLA PULICARIS (Fr.) Sacc.

Solanum sp. (64)

GLOMERELLA CINGULATA (Stonem.) S. & v.S.

Lathyrus odoratus (50)

Mangifera indica (4)

Persca americana (4)

GLOMERELLA GOSSYPII Edgerton

Gossypium sp. (4)

- GNOMONIA ILLIAU Lyon
 Saccharum officinarum (38)
- GUIGNARDIA ALYXIAE Stevens
 Alyxia olivaeformis (64)
- GUIGNARDIA JUSSIAEAE Stevens
 Jussiaea villosa (64)
- GUIGNARDIA MUSAE Stevens
 Musa sp. (64)
-
- HELOTIUM CREMEUM Cash (11)
 Cibotium sp.
 Gleichenia sp.
 Polypodiaceae
- HELOTIUM SULPHURINUM Quél.
 Aleurites sp. (11)
- HEXAGONELLA PELEAE Stevens & Guba
 Pelea rotundifolia (64)
- HUMARIA GRANULATA (Bull.) Quél. (11)
- HYALOCURREYA SANDICENSIS (Ell. & Ev.) Theis. & Syd.
 Alphonsea ponderosa (19, p. 135)
- HYPOXYLON ANNULATUM (Schw.) Mont.
 Acacia koa (64)
- HYPOXYLON ARCHERI Berk. (64)
- HYPOXYLON EFFUSUM Nit.
 Mangifera indica (64)
- HYPOXYLON MARGINATUM (Schw.) Berk. (64)
- HYPOXYLON PLACENTIFORME Berk. & Curt. (64)
- HYPOXYLON RUBIGINOSUM (Pers.) Fr. (64)
- HYPOXYLON SANDWICENSE Reich. (64)
-
- IRENE CHEIRODENDRONIS Stevens
 Cheiropodendron gaudichaudii (64)
- IRENE CYRTANDRAE Stevens (64)
 Cyrtandra cordifolia
 Cyrtandra lessoniana
- IRENE EXILIS (Syd.) Stevens
 Vaccinium reticulatum (64)
- IRENE DERMIS (Kalch. & Cke.) Theis. & Syd.
 Physalis peruviana (64)
- IRENE PUIGGARII (Speg.) Doidge
 Rubus hawaiiensis (64)
- IRENE SCAEVOLICOLA Stevens (64)
 Scaevola chamissoniana
 Scaevola glabra
 Scaevola mollis

- IRENE SPLENDENS Stevens
 Alphitonia ponderosa (64)
 IRENE TRILOBA (Wint.) Stevens
 Pipturus albidus (64)
- KARSCHIA LIGNYOTA (Fr.) Sacc. (11)
 KARSCHIA TAVELINIA Rehm
 Aleurites sp. (11)
- LACHNEA COPRINARIA (Cke.) Phill. (11)
 LACHNEA SCUTELLATA (L.) Gill
 Aleurites moluccana (11)
 LACHNUM GLEICHENIAE Cash (11)
 Gleichenia sp.
 Cibotium sp.
- LAGENIFORMA BAMBUSAE Plunkett
 Bambusa sp. (64)
- LEMBOSIA EUCALYPTI Stevens & Dixon
 Eucalyptus sp. (64)
- LEPTOSPHAERIA DRACAENAE S. Cam.
 Dracaena aurea (64)
- LEPTOSPHAERIA PROTEISPORA Speg.
 Paspalum conjugatum (64)
- LEPTOSPHAERIA SACCHARI v. Breda de Haan
 Saccharum officinarum (15)
- LEPTOSPHAERIA sp.
 Saccharum officinarum (11)
- LIMACINIELLA PSIDII Mendoza
 Psidium guajava (64)
- LIMACINIOPSIS ROLLANDIAE Mendoza
 Rollandia humboltiana (64)
- LOPHODERMIIUM ARUNDINACEUM (Schrad.) Chev.
 Cladium angustifolium (64)
- LOPHODERMIIUM INTERMISSUM Starb.
 Acacia koa (64)
- LOPHODERMIIUM SACCHARI Lyon
 Saccharum officinarum (40)
- LYONELLA NEUROPHILA Syd.
 Straussia sp. (64)
- MASSALONGIELLA CANAVALIAE Stevens & Young (64)
 MELANOMMA CLYPEATUM (Sacc. & Pav.) Berk.
 Freycinetia sp. (64)

- MELIOLA ALYXIAE Stevens (64)
Alyxia olivaeformis
Vaccinium reticulatum
- MELIOLA CYPERI Pat. (64)
Cladium angustifolium
Cladium meyenii
Gahnia gaudichaudii
Gahnia leptostachya
Rhynchospora sclerioides
- MELIOLA DRACAENAE Stevens
Dracaena aurea (64)
- MELIOLA GREGORIANA Stevens
Dianella sandwicensis (64)
- MELIOLA HAWAIIENSIS Stevens
Eugenia sandwicensis (64)
- MELIOLA JUDDIANA Stevens (64)
Pelea cinerea
Pelea clusiaefolia
Pelea elliptica
Pelea hawaiiensis
Pelea parvifolia
Pelea rotundifolia
Pelea sandwicensis
Pelea sp.
- MELIOLA KADUAE Stevens (64)
Gouldia terminalis
Gouldia terminalis var. *coriacea*
Gouldia sp.
Kadua sp.
Straussia kaduana
Straussia sp.
- MELIOLA KAUAIENSIS Stevens (64)
Kadua knudsenii
Kadua sp.
- MELIOLA KOAE Stevens
Acadia koa (64)
- MELIOLA LOBELIAE Stevens
Clermontia sp. (64)
- MELIOLA LYONI Stevens
Dodonaea viscosa (64)
- MELIOLA MORBOSA Stevens
Claoxylon sandwicense (64)
- MELIOLA OSMANTHI Sydow emend. Stevens
Osmanthus sandwicensis (64)
- MELIOLA PALMICOLA Wint.
Palmae (64)
- MELIOLA PELEAE Stevens (64)
Cryptocarya mannii
Pelea barbigera

(Meliola pelcae Stevens cont.)

Pelea cinerea
Pelea elliptica
Pelea rotundifolia
Pelea sandwicensis
Pelea sp.

MELIOLA SANDWICENSIS Ell. & Ev. (64)

Gouldia terminalis
Gouldia terminalis var. *coriacea*
Gouldia terminalis var. *elongata*
Gouldia terminalis var. *macrocarpa*
Gouldia terminalis var. *typica* f. *eutypica*
Gouldia sp.
Kadua knudsenii
Kadua sp.

MELIOLA SIDEROXYLI Stevens

Sideroxylon sandwicense (64)

MELIOLA VACCINII Stevens

Vacinium reticulatum (64)

MELIOLA VISCI Stevens

Korthalsella sp. (64)

MELIOLA Sp. (64)

Diospyros sandwicensis
Suttonia sp.

MELIOLINA HAPLOCHAETA Syd.

Metrosideros collina subsp. *polymorpha* (64)

MELIOLINA SYDOWIANA Stevens (64)

Metrosideros collina subsp. *polymorpha*
Metrosideros collina subsp. *polymorpha* var. *incana*
Metrosideros macropus

METASPHAERIA CUMANA Sacc. & Speg.

Cyperaceae (64)

METASPHAERIA HAWAIIENSIS Stevens & Young

Metrosideros collina subsp. *polymorpha* (64)

MICROSPHAERA EUPHORBIAE (Pk.) Berk. & Curt. (64)

MICROTHYRIELLA HIBISCI Stevens

Hibiscus sp. (64)

MOLLISIA CINEREA (Batsch) Harst.

Pritchardia sp. (11)

MOLLISIA PETIOLORUM Cash (11)

Aleurites sp.
Freycinetia sp. (?)
Hibiscus tiliaceus
Terminalia sp.

MYCOSPHAERELLA ARTOCARPI Stevens & Young

Artocarpus incisa (64)

- MYCOSPHAERELLA CYANEAE Stevens & Young
 Cyanea angustifolia (64)
- MYCOSPHAERELLA DIANELLAE Stevens & Woodon
 Dianella sandwicensis (64)
- MYCOSPHAERELLA EUGENIAE Rehm (64)
 Eugenia sandwicensis
 Eugenia sp.
- MYCOSPHAERELLA FRAGARIAE (Tul.) Lindau
 Fragaria sp. (49)
- MYCOSPHAERELLA FREYCIETIAE Stevens
 Freycinetia arborea (64)
- MYCOSPHAERELLA HAWAIIENSIS Stevens & Young
 Gunnera petaloides (64)
- MYCOSPHAERELLA HEDYCHII Stevens & Young
 Hedychium coronarium (64)
- MYCOSPHAERELLA KADUAE Stevens & Young (64)
 Gouldia sp.
 Kadua grandis
 Kadua sp.
- MYCOSPHAERELLA METROSIDERI Stevens & Young
 Metrosideros collina subsp. *polymorpha*
- MYCOSPHAERELLA ROSIGENA (Ell. & Ev.) Lindau
 Rosa sp. (64)
- MYCOSPHAERELLA SCAEVOLAE Stevens & Young (64)
 Scaevola chamissoniana
 Scaevola glabra
 Scaevola mollis
- MYCOSPHAERELLA STRIATIFORMANS Cobb
 Saccharum officinarum (17)
- NECTRIA SUBQUATERMATA Berk. & Br. f. FARINOSA Syd.
 Aleurites sp. (64)
- NECTRIA sp.
 Saccharum officinarum (15)
- NEUROSPORA SITOPHILA Shear & Dodge
 Saccharum officinarum (15)
- NUMMULARIA MAURITANICA Berk. & Cke.
 Metrosideros collina subsp. *polymorpha* (62)
- OLIGOSTROMA SUTTONIAE Stevens
 Suttonia lessertiana (64)
- ORBILIA ABUTILONIS Cash
 Abutilon molle (11)
- ORBILIA EPIPORA (Nyl.) Karst. (11)
 Artocarpus incisa
 Mangifera indica

- ORBILIA LEUCOSTIGMA Fr.
Psidium guajava (11)
- PATELLARIA ATRATA (Hedw.) Fr. (11)
Erythrina monosperma
Hibiscus tiliaceus
Lantana sp.
- PAUHANIA SIDEROXYLI Stevens
Sideroxylon rhyncospermum (64)
- PELITELLA FREYCINETIAE Stevens & Ryan
Freycinetia arborea (64)
- PENICILLIUM GLAUCUM Link
Saccharum officinarum (67)
- PENICILLIUM ITALICUM Wehmer
Citrus aurantifolia (52)
- PENICILLIUM PINOPHILUM Hedgecock
Ananas comosus (69)
- PENICILLIUM sp.
Ananascomosus (69)
Saccharum officinarum (67)
- PENZIGIA GLOBOSUM (Fr.) Rehm
Metrosideros sp. (64)
- PENZIGIA TUBERIFORMIS (Berk.) Rehm (64)
- PEZIZA CLYPEATA Schw. (8)
- PEZIZA GELATINOSA Hall (64)
- PEZIZELLA CHRYSOSTIGMA (Fr.) Sacc. (11)
Cibotium sp
 Polypodiaceae
Sadleria sp.
- PHAEOSACCARDINULA MORINDAE Mendoza
Morinda citrifolia (64)
- PHAEOSPHERELLA DIANELLAE Stevens
Dianella sandwicensis (64)
- PHAEOSPHERELLA HAWAIIENSIS Stevens & McMunn (64)
- PHAEOSPHERELLA MANGIFERAE Stevens & Weedon
Mangifera indica (64)
- PHRAGMOCAPNIAS SMILICINA Mendoza (64)
Pelea sp.
Smilax sp.
- PHYLLACHORA FREYCINETIAE Stevens
Freycinetia arborea (64)
- PHYLLACHORA GRAMINIS (Pers.) Fuckel
Eragrostis variabilis (64)
- PHYSALOSPORA FUSCA Stevens (65)
Acalypha sp.
Hibiscus tiliaceus
Lantana camara
Wikstroemia phillyreaefolia

PHYSALOSPORA OBTUSA (Schw.) Cke. (*P. malorum* (Peck) Shear)
Osteomeles anthyllidifolia (5)
 PIEOSPORA SCAEVOLAE Stevens & Young
Scaevola chamissoniana (64)
 PLURIPORUS GOULDIAE Stevens & Ryan
Gouldia terminalis var. *typica* f. *eutypica* (64)
 POLYSTOMELLA KADUAЕ Stevens & Ryan
Kadua glomerata (64)
 PROPOLIS FAGINEA (Schrad.) Karst. (11)
 PSEUDOPHEZIZA MEDICAGINIS (Lib.) Sacc.
Medicago sativa (64)
 PYRONEMA OMPHALODES (Bull.) Fuckel (11)

QUESTIERIA EUPHORBIAE Arnaud
Euphorbia clusinaefolia (64)

RHYTIDHYSTERIUM PROSOPIDIS Peck
Prosopis chilensis (64)
 ROSELLINIA CITRIFORMIS Stevens & Woodson (64)

SACCHAROMYCES sp.
Ananas comosus (canned) (69)
 SARCOSOMA GODRONIOIDES Rick (11)
Scaevola sp.
 SCHIZOCHORA PANDANI Stevens
Pandanus odoratissimus (64)
 SCHIZOXYLON ABUTILONIS Cash
Abutilon molle (11)
 SCHIZOXYLON INSIGNE (De N.) Rehm
Lantana sp. (11)
 SCIRRHIA LOPHODERMIOIDES Ell. & Ev.
 Gramineae (64)
 SCLERODERRIS LANTANAE Cash
Lantana camara (11)
 SEYNESIA ATKINSONII Stevens & Ryan
Freycinetia arborea (64)
 SEYNESIOPELTIS TETRAPHLASANDRAE Stevens & Ryan (64)
Tetraphlasandra hawaiiensis
Tetraphlasandra meiantra
 SPHAEROTHECA HUMILI (DC.) Bur. (64)
 SPHAEROTHECA PANNOSA (Wallr.) Lév. (9)
 SPHAERULINA CIBOTII Stevens & Guba
Cibotium menziesi (64)
 SPHAERULINA IPOMOEAE Stevens
Calonyction aculeatum (64)

STICTIS HAWAIIENSIS Cash
 Rubus rosaefolius (11)
 STICTIS RADIATA (L.) Pers. (13)
 Cibotium sp.
 Sadleria sp.
 STICTIS RADIATA (L.) Pers. subsp. INTERMEDIA Speg. (11)
 Abutilon molle
 STICTIS STELLATA var. PHILIPPINENSIS Speg. (11)
 Verbena bonariensis

TRABUTIA MINIMA Stevens & Weedon (64)
 TRICHOPELTIS REPTANS Speg. (64)
 Alyxia olivaeformis
 Cladium angustifolium
 Cladium meyenii
 Clermontia multiflora
 Clermontia sp.
 Cyanea sp.
 Elaphoglossum sp.
 Gramineae
 Kadua glomerata
 Metrosideros collina subsp. polymorpha
 Pelea kauaiensis
 Pelea sp.
 Peperomia sp.
 Psidium guajava
 Smilax sandwicensis
 Straussia sp.
 Suttonia lessertiana
 Vaccinium reticulatum

TRICHOPELTIS RHYACOIDES Stevens

Alyxia olivaeformis (64)

TRICHOPELTIS HAWAIIENSIS Stevens (64)

Alyxia olivaeformis
 Broussaisia sp.
 Cladium angustifolium
 Clermontia sp.
 Cyperaceae
 Elaphoglossum sp.
 Freycinetia arborea
 Metrosideros collina subsp. polymorpha
 Pelea sp.
 Phyllostegia floribunda
 Rubus hawaiiensis
 Scaevola sp.
 Smilax sp.
 Straussia sp.

TRYBLIDIELLA RUFULA (Spreng.) Sacc. (11)

Cassia bicapsularia
 Leucaena glauca
 Prosopis sp.

- USTULINA VULGARIS Tul. (2)
 USTULINA ZONATA (Lév.) Sacc. (64)

 XENOLOPHIUM LEVE Syd. (64)
 XENOLOPHIUM VERRUCOSUM Syd. (64)
 XYLARIA APICULATA Cooke (64)
 XYLARIA CURTA Fr. (64)
 XYLARIA GIGANTEA (Zipp. and Lév.) Fr. (64)
 XYLARIA HYPOXYLON (L.) Grev. (64)
 XYLARIA MORCHELLIFORMIS Rehm (64)
 XYLARIA MULTIPLEX (Kuntz & Fr.) Berk. & Curt. (64)
 XYLARIA RHOPALOIDES Krs. (64)
 XYLARIA SCHWEINITZII Berk. & Curt. (64)
 XYLARIA TUBEROSA (Pers.) Cooke (64)
 XYLARIA sp.
 Hibiscus sp. (41)

 YOSHINAGELLA NUDA Stevens
 Cibotium chamissoi (64)
 YOSHINAGELLA POLYMORPHA Lyon
 Cibotium chamissoi (64)
 YOSHINAGELLA POLYMORPHA Lyon var. PAUCISSETA Stevens
 Cibotium chamissoi (64)

Basidiomycetes

- AGARICUS CAMPESTRIS L. (71)
 AGARICUS sp. (4)
 ALEURODISCUS PERIDENIAE (Berk. & Br.) Henn. (2)
 AURICULARIA AURICULA-JUDAE (L.) Schrt. (2)
 AURICULARIA NIGRESCENS (Swartz) Earl. (2)
 AURICULARIA TENNIS (Lév.) Earl. (2)

 CLATHRUS COLUMNATUS Bosc.
 Saccharum officinarum (15)
 COLEOSPORIUM PAEDERIAE Diet.
 Paederia foetida (64)
 COLLYBIA VELUTIPES Curt. (71)
 CORTICIUM ARACHNOIDEUM Berk.
 Cibotium sp. (2)
 CORTICIUM GRANULARE Burt (2)
 CREPIDOTUS FULVOTOMENTOSUS Peck (2)
 CREPIDOTUS RHIZOMORPHUS Burt
 Gramineae (4)

CYPHELLA VILLOSA (Pers.) Karst.

Pipturus sp. (2)

DAEDALIA SP. (18)

DICTYOPHORA INDUSIATA (Vent. ex Fr.) Fisch. (15)

ENTYLOMA CRASTOPHILUM Sacc.

Holcus sp. (64)

EPITHELE HYDNOIDES Burt

Cibotium sp. (2)

FOMES (GANODERMA) APPLANATUS (Pers.) Wallr.) (2)

FOMES (GANODERMA) AUSTRALIS Fr. (2)

Acacia koa

Acacia sp.

Eucalyptus sp.

FOMES (GANODERMA) FASCIATUS (Sw.) Fr. (2)

FOMES FASCIOLATUS Burt

Acacia koa (2)

FOMES FULLAGERI (Berk.) Cooke

Acacia koa (2)

FOMES HAWAIIENSIS Lloyd

Acacia sp. (2)

FOMES KORTHALSII (Lév.) Cooke (2)

FOMES RIMOSUS Berk. (2)

FOMES ROBUSTUS Karst. (2)

GRAPHIOLA PHOENICIS (Moug.) Poit.

Phoenix dactylifera (64)

HYDNUM sp. (4)

HYMENOCHAETE CINNAMOMEA (Pers.) Bres. (2)

HYMENOCHAETE SPRETA Peck (2)

HYMENOCHAETE TENUISSIMA Berk. (2)

ITHYPHALLUS RUBICUNDUS (Bosc.) Fish. (15)

KUEHNEOLA UREDINIS (Link) Arth. (64)

Rubus villosus

LASCHIA CUCULLATA (Jungh.) Bres. (2)

LEPIOTA CEPHAESTIPES Sower. (18)

LEPIOTA XYLOPHILA Peck (2)

LYCOPERDON CEPHAEFORIE (Bull.) Lloyd (2)

LYCOPERDON GEMMATUM Batsch. (2)

LYCOPERDON WRIGHTII B. & C. (2)

LYCOPERDON sp.

Sadleria sp. (2)

MARASMIUS SACCHARI Wakk.

Saccharum officinarum (15)

MARASMIUS SACCHARI Wakk. var. HAWAIIENSIS Cobb

Saccharum officinarum

MYCENASTRUM CORIUM (Guers.) Desv. (2)

MYRIOSTOMA COLIFORME (Dicks.) Cda. (2)

NAUCORIA TRISCOPODA Fr. (2)

ODONTIA SACCHARICOLA Burt

Saccharum officinarum (15)

ODONTIA WRIGHTII (Berk. & Curt.) Pat. (2)

ODONTIA sp.

Aleurites moluccana (2)

PHOLIOTA ADIPOSA Fr. (71)

PHOLIOTA MARGINATA (Batsch.) Fr. (2)

PHRAGMIDIUM DISCIFLORUM (Tode) James

Rosa sp. (64)

PLEUROTUS FLABELLATUS Berk. & Br. (2)

PLEUROTUS OSTREATUS Jacq. (2)

PLEUROTUS sp. (2)

POLYPORUS ARCULARIUS (Batsch.) Fr. (2)

POLYPORUS CHIONEUS Fr. (2)

POLYPORUS DRYOPHILUS Berk. (2)

POLYPORUS FLABELLARIIS Lloyd (2)

POLYPORUS GILVUS Schw. (2)

Mangifera indica

Pithecelobium sp.

POLYPORUS LIGNOSUS Kl. (2)

POLYPORUS SULPHUREUS (Bull.) Fr. (2)

POLYSTICTUS FLOCCOSUS (Jungh.) Fr. (2)

POLYSTICTUS HIRSUTUS (Wulf.) Fr. (2)

POLYSTICTUS FIBULA Fr. (2)

POLYSTICTUS MICROLOMA Lév. (2)

POLYSTICTUS PINSITUS Fr. (2)

PORIA FASCIOLATA Burt (2)

PORIA sp. (2)

PSATHYRA sp. (2)

PUCCINIA CALLAQUENSIS Neger

Geranium arboreum (64)

PUCCINIA CENCHRI Diet. & Holw.

Cenchrus echinatus var. hillebrandianus (64)

PUCCINIA CHRYSANTHEMI Rose

Chrysanthemum indicum (64)

- PUCCINIA CONOCLINII Seym.
Ageratum conyzoides (64)
- PUCCINIA CORONATA Cda. (*P. rhamni* Wettst.) (64)
Avena sativa
Holcus sp.
- PUCCINIA CYNODONTIS Lacroix
Cynodon dactylon (64)
- PUCCINIA EPIPHYLLA (L.) Wettst.
Poa annua (64)
- PUCCINIA ESCLAVENSIS Diet. & Holw.
Panicum nephelophilum (64)
- PUCCINIA HETEROSPORA Berk. & Curt. (64)
Abutilon incanum
Abutilon molle
- PUCCINIA HIERACII (Schum.) Mart. (*P. taraxaci* Plowr.)
Taraxacum vulgare (64)
- PUCCINIA HYDROCOTYLES (Link) Cke.
Hydrocotyle verticillata (64)
- PUCCINIA LEVEILLEI Mont. (*P. geranii-silvatici* Karst.)
Geranium glabratum (64)
- PUCCINIA LEVIS (Sacc. & Bizz) Magn. (*P. huberi* P. Henn.)
Paspalum orbiculare (64)
- PUCCINIA OAHUENSIS Ell. & Ev.
Digitaria pruriens (64)
- PUCCINIA POLYGONI-AMPHIBII Pers.
Polygonum sp. (64)
- PUCCINIA PURPUREA Cke.
Sorghum halepense (64)
- PUCCINIA RUBIGO-VERA (DC.) Wint. (*P. clematidis* Lagerh.)
Triticum vulgare (64)
- PUCCINIA VELATA (Ell. & Ev.) Arth. (64)
Euphorbia hookeri
Euphorbia multiformis
- PUCCINIA VERSICOLOR Diet. & Holw.
Heteropogon contortus (64)
- PUCCINIA XANTHII Schw.
Xanthium saccharatum (64)
- PUCCINIASTRUM MYRTILLI (Schum.) Arth.
Vaccinium reticulatum (64)
- PUCCINIASTRUM WIKSTROEMIAE Arthur
Wikstroemia Uva-ursi (64)
- RAVENELIA SILIQUAE Long
Acacia farnesiana (64)
- SCHIZOPHYLLUM COLMUNE Fr.
Acacia koa (2)
Saccharum officinarum (15)

- SCHIZOXYLON ABUTILONIS Cash
 Abutilon molle (11)
 SCHIZOXYLON INSIGNE (De N.) Rehm
 Lantana sp. (11)
 SOROSPORIUM PASPALI McAlp.
 Paspalum conjugatum (64)
 Paspalum dilatatum (50)
 Paspalum orbiculare (64)
 SPHACELOTHECA MONILIFERA (Ell. & Ev.) Clint.
 Heteropogon contortus (64)
 SPHACELOTHECA REILIANA (Kühn) Clint.
 Sorghum sp. (64)
 SPHACELOTHECA SORGHII (L.) Clint.
 Sorghum sp. (64)
 STEREOUM ELEGANS (Mey.) Lloyd (2)
 STEREOUM LATUM Cke. & Mass. (2)

 TRAMETES CORRUGATA (Pers.) Bres. (2)
 Aleurites moluccana
 Aleurites sp.
 Ficus elastica
 Mangifera indica
 TRAMETES LACTINEA Berk. (2)
 TRAMETES sp. (2)
 TRANZSCHELIA PRUNI-SPINOSAE (Pers.) Diet.
 Prunus persica (64)
 TRICHOLOMA sp. (71)

 UREDINOPSIS PTERIDIS Diet. & Holw.
 Pteridium aquilinum (64)
 UREDO HAWAIIENSIS Arthur
 Carex wahuensis (64)
 UREDO STEVENSII Arthur (64)
 Euphorbia clusiaefolia
 Euphorbia sp.
 UROMYCES ALYXIAE Arthur
 Alyxia olivaeformis (64)
 UROMYCES CARYOPHYLLINUS (Schr.) Wint.
 Dianthus caryophyllus (64)
 UROMYCES KOE Arthur
 Acacia koa (64)
 UROMYCES LEPTODERMIS Syd.
 Panicum purpurascens (64)
 UROMYCES MEDICAGINIS Pass.
 Medicago sativa (64)
 UROMYCES PHASEOLI TYPICA Arthur
 Phaseolus vulgaris (4)

- UROMYCES PHASEOLI VIGNAE (Barclay) Arthur (22)
 Vigna sesquipedalis
 Vigna sinensis
 UROMYCES PROEMINENS (DC.) Pass.
 Euphorbia serpyllifolia (prostrata?) (64)
 UROMYCES RHYNOCOSPORAE El.
 Rhynchospora lamarum (64)
 UROMYCES SCIRPI (Cast.) Burr.
 Scirpus sp. (64)
 USTILAGO AVENAE (Pers.) Jens.
 Avena sativa (64)
 USTILAGO BROMIVORA (Tul.) Fisch. de Waldh.
 Bromus catharticus (50)
 USTILAGO HORDII (Pers.) Kell. & Sw.
 Hordeum vulgare (64)
 USTILAGO UTRICULOSA (Nees) Tul.
 Polygonum glabrum (51)
 USTILAGO ZEAE (Beckm.) Unger
 Zea mays (50)
 USTILAGO sp.
 Cynodon dactylon (70)

Fungi Imperfecti

- ALLANTOSPORA RADICICOLA Wakk.
 Saccharum officinarum (15)
 ALTERNARIA BRASSICAE (Berk.) Sacc.
 Brassica oleracea (51)
 Brassica oleracea var. *botrytis* R
 Brassica oleracea var. *capitata* (49)
 Brassica rapa (50)
 ALTERNARIA SOLANI (Ell. & Mart.) Jones & Grout
 Lycopersicon esculentum (51)
 Solanum tuberosum (3)
 ALTERNARIA SONCHI Stevens
 Sonchus oleraceus (64)
 ALTERNARIA sp.
 Ananas comosus (61)
 ASCHERSONIA MARGINATA Ell. & Ev.
 Psidium sp. (64)
 ASCOCHYTA sp. (pisi ?)
 Pisum sativum (50)
 BOTRYTIS sp.
 Passiflora sp. (64)
 CERCOSPORA AGERATI Stevens
 Ageratum conyzoides (64)

- CERCOSPORA ALABAMENSIS Atk.
Ipomoea pes-caprae (64)
- CERCOSPORA ALTAIEINA Sacc.
Modiola caroliniana (64)
- CERCOSPORA APII CAROTAE Pass.
Daucus carota var. sativa (49)
- CERCOSPORA ARCTII Stevens
Arctium lappa (64)
- CERCOSPORA ASPARAGI Sacc.
Asparagus officinalis var. altis (49)
- CERCOSPORA BETICOLA Sacc.
Beta vulgaris (64)
- CERCOSPORA BOLLEANA (Thüm.) Speg.
Ficus carica (5)
- CERCOSPORA COFFEICOLA Berk. & Curt.
Coffea arabica (64)
- CERCOSPORA CRUENTIA Sacc.
Phaseolus vulgaris (49)
- CERCOSPORA DEMETRIONIANA Wint.
Crotalaria spectabilis (51)
- CERCOSPORA ECHINOCYSTIS Ell. & Mart.
Momordica charantia (64)
- CERCOSPORA MEGALOPOTAMICA Speg.
Bidens pilosa var. radiata (64)
- CERCOSPORA MELONGENAE Welles
Solanum melongena (49)
- CERCOSPORA NICOTIANAE Ell. & Ev.
Nicotiana tabacum (64)
- CERCOSPORA PERSONATA (Berk. & Curt.) Ell.
Arachis hypogaea (49)
- CERCOSPORA PIPTURI Stevens & Glick
Pipturus albidus (64)
- CERCOSPORA PLANTAGINIS Sacc.
Plantago sp. (64)
- CERCOSPORA SAGITTARIAE Ell. & Kell.
Sagittaria sagittifolia (64)
- CERCOSPORA TECTONIAE Stevens
Tectona grandis (64)
- CERCOSPORA VAGINAE Krüg.
Saccharum officinarum (64)
- CERCOSPORA sp. (49)
Manihot esculenta
Raphanus sp.
- CLADOSPORIUM HERBARI (Pers.) Link
Saccharum officinarum (70)
- CLADOSPORIUM sp.
Colocasia esculenta (64)
- CLYPTOSEPTORIA ROCKII Stevens & Young
Platydesma campanulata (64)

- COLLETOTRICHUM ARTOCARPI DeLacr.
Artocarpus incisa (64)
- COLLETOTRICHUM DIANELLAE Stevens & Young
Dianella sandwicensis (64)
- COLLETOTRICHUM DRACAFNAE Allesch.
Agapanthus sp. (64)
- COLLETOTRICHUM FALCATUM Went
Saccharum officinarum (15)
- COLLETOTRICHUM GLOBOSPORIOIDES Penz.
Citrus aurantium (64)
Citrus limonia (50)
- COLLETOTRICHUM LAGENARIUM (Pass.) Ell. & Halst.
Citrullus vulgaris (70)
Cucumis melo (49)
- COLLETOTRICHUM LINDEMUTHIANUM (Sacc. & Magn.) Briosi & Cav.
Phaseolus vulgaris (3)
- COLLETOTRICHUM MALVARUM (Braun & Casp.) Southworth
Sida sp. (64)
- COLLETOTRICHUM PASSIFLORAE Stevens & Young (64)
Passiflora edulis
Passiflora laurifolia
- COLLETOTRICHUM PEREGRINUM Pass.
Nothopanax sp. (64)
- COLLETOTRICHUM PHYLLOACTI Ell. & Ev.
Phyllocactus sp. (62)
- COLLETOTRICHUM sp.
Lycopersicon esculentum (49)
- CONIOTHYRIUM DRACAENAE Stevens & Woodon
Dracaena aurea (64)
- CONIOTHYRIUM ZINGIBERI Stevens & Atienza
Zingiber officinale (48)
- CURVULARIA LUNATA (Wakk.) Boed.
Saccharum officinarum (15)
- DENDROPHOMA GOULDIAE Stevens & Plunkett
Gouldia terminalis var. *typica* f. *eutypica* (64)
- DICHOTOMOPHTHORA PORTULACAE Mehr. & Fitz.
Portulaca grandiflora (69)
Portulaca lutea (69)
Portulaca oleracea (47)
- DIPLODIA NATALENSIS Evans (65)
Hibiscus tiliaceus
Panax sp.
- DIPLODIA OPUNTIAE Sacc.
Opuntia sp. (4)
- EXIOCONIDIUM CIBOTII Plunkett
Cibotium chamissoi (64)
- FUSARIUM AFFINE Faut. & Lamb.
Ananas comosus (69)

- FUSARIUM COERULEUM (Lib.) Sacc.
Solanum tuberosum (6)
- FUSARIUM CUBENSE EFS.
Musa cavendishii (49)
- FUSARIUM MARTII App. & Woll. (54)
- FUSARIUM MONILIFORME Sheldon
Saccharum officinarum (30)
- FUSARIUM OXYSPORUM Schlect.
Solanum tuberosum (3)
- FUSARIUM RADICICOLA Wollen.
Hibiscus sabdariffa (4)
Persea sp. (4)
Solanum tuberosum (3)
- FUSARIUM SOLANI (Mart.) Sacc.
Ipomoea batatas (3)
- FUSARIUM VASINFECTIONIS Atk.
Crotalaria sp. (70)
Musa sp. (3)
- FUSARIUM sp. (conglutinans var. callistephi?)
Callistephus chinensis (51)
- FUSARIUM sp. (niveum?)
Citrullus vulgaris (51)
- FUSARIUM sp.
Ananas comosus (29)
Asparagus officinalis var. altis (50)
Capsicum frutescens (50)
Dianthus caryophyllus (70)
Lathyrus odoratus (50)
Lupinus hirsutus (49)
Pisum sativum (69)
Saccharum officinarum (29)
Solanum melongena (49)
Strelitzia reginae (51)
Zingiber officinale (51)
- FUSICOCUM CANAVALIAE (no author given)
Canavalia ensiformis (64)
- GLOEOSPORIUM AFFINE E. & R. (64)
- GLOEOSPORIUM BARRINGTONIAE Stevens & Young
Barringtonia asiatica (64)
- GLOEOSPORIUM CANAVALIAE Syd.
Canavalia sp. (39, p. 287)
- GLOEOSPORIUM CEREI Passer.
Cereus sp. (64)
- GLOEOSPORIUM LIMETICOLUM Clausen
Citrus aurantifolia (52)

GLOEOSPORIUM MUSARUM Cke. & Mass.

Musa sp. (64)

GLOEOSPORIUM PELEAE Stevens

Pelea sp. (64)

GLOEOSPORIUM sp.

Anacardium occidentale

Capsium frutescens (49)

Coffea sp. (4)

Chrysophyllum cainito (5)

Litchi chinensis (3)

Macadamia ternifolia (50)

Mangifera indica (3)

Manihot esculenta (3)

Musa cavendishii (3)

Persea americana (3)

Psidium guajava (3)

Vailla fragans (3)

GRAPHIUM DUBAUTIAE Stevens & Weedon

Dubautia laxa (64)

GRAPHIUM sp.

Saccharum officinarum (15)

HARKNESSIA GUNNERAE Stevens & Young

Gunnera petaloidea (64)

HARKNESSIA HAWAIIENSIS Stevens & Young

Eucalyptus robusta (64)

HELMINTHOSPORIUM CIBOTII Stevens & Weedon

Cibotium sp. (64)

HELMINTHOSPORIUM GLEICHENIAE Stevens & Glick

Gleichenia linearis (64)

HELMINTHOSPORIUM RAVENELII Curt. & Berk.

Sporobolus elongatus (64)

Sporobolus poiretii (50)

HELMINTHOSPORIUM SACCHARI (v. Breda de Haan) Butler

Saccharum officinarum (29)

HELMINTHOSPORIUM STENOSPILUM Drechs.

Saccharum officinarum (42)

HELMINTHOSPORIUM sp.

Oryza sativa (50)

Panicum purpurascens (49)

HENDERSONIA NITIDA Ell. & Ev.

Suttonia sp. (64)

HIMANTIA STELLIFERA Johns.

Saccharum officinarum (18)

HORMIACTELLA SACCHARI Johns. (?)

Saccharum officinarum (66)

- HORMODENDRUM CLADOSPORIOIDES Sacc. (70)
- ISARIOPSIS GRISTOLA Sacc.
Phaseolus vulgaris (4)
- LEPTOTHYRIUM GLEICHENIAE Stevens & Young (64)
Gleichenia glauca
Gleichenia sp.
- LEPTOTHYRIUM POTHII Weedon
Pothos sp. (64)
- LEPTOTHYRIUM SIDAE Stevens & Young
Sida rhombifolia (51)
Sida spinosa (64)
- MACROPHOMA CATTLEYICOLA P. Henn.
Cattleya sp. (64)
- MACROPHOMA SMILACINA (Pk.) Berl. & Vogl.
Smilax sandwicensis (64)
- MACROSPORIUM GRAMINUM Cke.
Saccharum officinarum (69)
- MACROSPORIUM Sp.
Allium sp. (49)
- MELANCONIUM PANDANI Lév.
Pandanus odoratissimus (64)
- MELANCONIUM SACCHARI Mass.
Saccharum officinarum (15)
- MELANCONIUM sp.
Cocos nucifera (70)
- MONILIA AUREOFULVA C. & E. (64)
- MONILIA SITOPHILA (Mont.) Sacc. (15)
- MONILIA sp.
Ananas comosus (69)
- MONILOCHAETES INFUSCANS Halst.
Ipomoea batatas (3)
- NIGROSPORA ORYZAE (Berk. & Br.) Petch
Saccharum officinarum (15)
- OIDIUM sp. (64)
Cassia occidentalis
Coreopsis sp.
Dahlia sp.
Erigeron sp.
Euphorbia sp.
Rosa sp.
Verbena sp.
Xanthium saccharatum
Zinnia sp.

- PESTALOZZIA FUNEREA Desm.
 Cupressus macrocarpa (70)
- PESTALOZZIA sp.
 Antidesma platyphyllum (64)
 Cladium angustifolium (64)
 Cladium meyenii (64)
 Cocos nucifera (70)
 Dianthus sp. (64)
 Elaphoglossum sp. (64)
 Eucalyptus globosus (64)
 Eugenia malaccensis (64)
 Musa sp. (64)
 Sagittaria sagittifolia (49)
- PHOMA AGAPANTHI (Thüm) Sacc
 Agapanthus umbellatus (64)
- PHOMA BARRINGTONIAE Cko. & Mass.
 Barringtonia asiatica (64)
- PHOMA DESTRUCTIVA Plow. emend. Jamieson
 Lycopersicon esculentum (50)
- PHOMA HENNINGSII Sacc.
 Albizzia lebbek (64)
- PHOMA HERBARUM West.
 Stachytarpheta dichotoma (64)
- PHOMA LINGAM (Tode) Desm.
 Brassica oleracea var. capitata (49)
- PHOMA MACULARIS Desm.
 Hibiscus sabdariffa (64)
- PHOMA MUSAE Carp. (4)
 Musa cavendishii
 Prosopis chilensis
- PHOMA SUBCIRCINATA Ell. & Ev.
 Phaseolus lunatus (49)
- PHOMA TERRESTRIS Hansen
 Allium sp. (50)
- PHOMA sp.
 Ananas comosus (61)
- PHOMOPSIS ACHILLEAE (Sacc.) v. Höhn. (64)
 Dahlia sp.
 Hemerocallis sp.
- PHOMOPSIS VEXANS (Sacc. & Syd.) Harter
 Solanum melongena (64)
- PHOMOPSIS sp.
 Cupressus macrocarpa (70)
- PHYLLOSTICTA ARICOLA Bubak
 Pothos sp. (64)
- PHYLLOSTICTA ARTOCARPI Speg.
 Artocarpus incisa (64)

- PHYLLOSTICTA CASIMIROAE Stevens & Weedon
 Casimiroa edulis (64)
 PHYLLOSTICTA CIRCUMSCISSA Cooke
 Prunus persica (64)
 PHYLLOSTICTA CODIAEI Stevens & Young
 Codiaeum moluccanum (64)
 PHYLLOSTICTA COLOCASIOPHILA Weedon
 Colocasia esculenta (64)
 PHYLLOSTICTA CORDYLINOPHILA Young
 Cordyline terminalis (64)
 PHYLLOSTICTA DRACONIS Berk.
 Dracaena draco (64)
 PHYLLOSTICTA ERECHTITIS Stevens & Young
 Erechtites sp. (64)
 PHYLLOSTICTA HAWAIIENSIS Gaum (*P. sorghina* Sacc.) (44)
 Saccharum officinarum (14, p. 278)
 PHYLLOSTICTA HELICONIAE Stevens & Young
 Heliconia sp. (64)
 PHYLLOSTICTA HORTORUM Spag.
 Solanum melongena (4)
 PHYLLOSTICTA MARANTACEAE P. Henn.
 Maranta dichroma (64)
 PHYLLOSTICTA MUSAE Stevens & Young
 Musa sp. (64)
 PHYLLOSTICTA MUSICOLA Stevens & Young
 Musa sp. (64)
 PHYLLOSTICTA NERII West.
 Nerium oleander (64)
 PHYLLOSTICTA PITHECOLOBII E. Young
 Samanea saman (64)
 PHYLLOSTICTA POTHICOLA Weedon
 Pothos sp. (64)
 PHYLLOSTICTA SCAEVOLAE Ell. & Ev.
 Scaevola chamissoniana (64)
 PHYLLOSTICTA STRAMINELLA Bres.
 Rheum rhaponticum (50)
 PHYLLOSTICTA VIOLAE Desmaz.
 Viola sp. (51)
 PHYLLOSTICTA ZINGIBERIS Stevens & Ryan
 Zingiber zerumbet (64)
 PHYLLOSTICTA sp.
 Arachis hypogaea (50)
 Phaseolus vulgaris (51)
 Rosa sp. (50)
 Vicia faba (49)
 PIRICULARIA GRISEA (Cooke) Sacc.
 Oryza sativa (4)
 PIROSTOMA DIANELLAE Stevens
 Dianella sandwicensis (64)

- PLEOCYTA SACCHARI (Mass.) Petr. & Syd.
Saccharum officinarum (44)
- RAMULARIA IPOMOEAE Stevens
Calonyction aculeatum (64)
- RAMULARIA MICROLEPIAE Stevens
Microlepis sp. (64)
- RAMULARIA NEPHROLEPIS Stevens
Nephrolepis exaltata (64)
- RHABDOSPORA PITTOSPORI Stevens & Young
Pittosporum sp. (64)
- SEPTOGLOEUM ARACHIDIS Racib.
Arachis hypogaea (4)
- SEPTORIA APII (Br. & Cav.) Chester
Apium graveolens var. dulce (3)
- SEPTORIA APII-GRAVEOLENTIS Dorogin
Apium graveolens var. dulce (49)
- SEPTORIA BATATICOLA Taub.
Ipomoea batatas (3)
- SEPTORIA CALLISTEPHI Gloyer
Callistephus chinensis (51)
- SEPTORIA CANAVALIAE Lyon
Canavalia sp. (67)
- SEPTORIA CERASTII Rob. & Desm.
Cerastium sp. (64)
- SEPTORIA CLERMONTIAE Stevens & Young (64)
Clermontia kakeana (?)
Clermontia sp.
- SEPTORIA DIANTHI Desm.
Dianthus caryophyllus (50)
- SEPTORIA GOULDIAE Stevens & Young (64)
Gouldia terminalis var. coriacea
Kadua grandis
- SEPTORIA GRAMINUM Desm. (64)
- SEPTORIA HAWAIIENSIS Stevens & Plunkett
Gouldia sp. (64)
- SEPTORIA LACTUCAE Peck
Lactuca sativa (49)
- SEPTORIA LYCOPERSICI Speg.
Lycopersicon esculentum (3)
Solanum melongena (49)
- SEPTORIA POA-TRIVIALIS Cocconi
Poa annua (64)
- SEPTORIA ROLLANDIAE Stevens & Young
Rollandia crispa (64)

- SEPTORIA ROSTRUPHII Sacc. & Syd.
 Chrysanthemum indicum (64)
- SEPTORIA SALVIAE-PRATENSIS Pass,
 Salvia coccinea (64)
- SEPTORIA sp.
 Centella asiatica (51)
- SPHACELOMA FAWCETTII Jenk.
 Citrus sp. (50)
- SPHAEROPSIS GOULDIAE Stevens & Plunkett
 Gouldia sp. (64)
 Leucaena glauca (?) (65)
 Nerium oleander (?) (65)
 Prosopis sp. (?) (65)
- SPHAEROPSIS MALORUM Peck (65)
 Gossypium sp.
 Prosopis sp.
- SPORONEMA sp.
 Cupressus macrocarpa (70)
- STAGONOSPORA ERYTHRINAE Stevens & Young
 Erythrina monosperma (64)
- STRUMELLA SACCHARI Cke.
 Saccharum officinarum (15)
- TRICHODERMA LIGNORUM (Tode) Harz
 Ananas comosus (29)
 Saccharum officinarum (15)
- TRICHODERMA sp.
 Ananas comosus (61)
- VERTICILLIOPSIS sp. (69)
- VERTICILLIUM sp. (heterocladium ?)
 Ananas comosus (61)
- VERTICILLIUM sp.
 Ananas comosus (61)
 Hibiscus esculentus (51)
 Saccharum officinarum (70)
 Solanum tuberosum (70)

Mycelia Sterilia

- RHIZOCTONIA SOLANI Kühn
 Solanum tuberosum (3)
- RHIZOCTONIA sp.
 Amaranthus gracilis (69)
 Ananas comosus (69)
 Brassica campestris (4)

(Rhizoctonia sp. cont.)

- Brassica rapa (4)
- Cajanus cajan (70)
- Portulaca oleracea (47)
- Saccharum officinarum (15)
- Stachytarpheta jamaicensis (69)

SCLEROTIUM ROLFII Sacc.

- Arachis hypogaea (4)
- Cajanus cajan (70)
- Colocasia esculenta (5)
- Daucus carota var. sativa (49)
- Delphinium sp. (50)
- Emilia sonchifolia (69)
- Hemerocallis fulva (70)
- Saccharum officinarum (15)
- Solanum tuberosum (6)

SCLEROTIUM sp.

- Saccharum officinarum (15)

ZASMIDIUM (Rhacodium) TROPICUM (Mont.) Reich. (64)

Fungi Parasitic on, or Associated with, Other Fungi

DARLUCA FILUM (Biv.) Cast. (64)

- Puccinia versicolor Diet. & Holw.
- Uromyces leptodermus Syd.
- Uromyces rhyncosporae El.

CALLORIOPSIS GELATINOSA (Ell. & Mart.) Syd.

- Perisporiaceae (11)

CICINNOBOLUS CESATII de Bary

- Oidium sp. (64)

PARASCORIAS sp. (byrsonimae ?)

- Antennellina hawaiiensis Mendoza (64)

PLOCHMOPELTIDELLA SP. (smilicina ?)

- Phragmocarpus smilicina Mendoza (64)

SPEGAZZINIA ORNATA Sacc.

- Meliola sp. (64)

Fungi Parasitic on Insects

ASPERGILLUS PARASITICUS Speare

- Trionymus sacchari (63)

BOTRYTIS sp. (grassi ?) (64)

- Adoretus sinicus
- Anomala orientalis

(Botrytis sp. cont.)

Calandra remota
Pseudolus hospes
Scolytidae
Stenommatius musae

CORDYCEPS sp. (63)

Perkinsiella saccharicida
Siphanta acuta

ENTOMOPHTHORA PSEUDOCOCCI Speare (63)

Trionymus sacchari
Pseudococcus virgatus

ENTOMOPHTHORA sp.

Perkinsiella saccharicida (63)

FUSARIUM MONILIFORME Sheldon

Syagrus fulvitarsis (70)

ISARIA SAUSSUREI Cooke

Polistes sp. (63)

LABOULBENIA CAULICULATA Thaxter (68)

Atelothrus constrictus
Atelothrus depressus
Colpocaccus lanaiensis
Colpocaccus marginatus
Mesothriscus alternans
Mesothriscus hawaiiensis
Mesothriscus muscicola
Metromenus fraudator

LABOULBENIA CAULICULATA var. PROLIXA Thaxter (68)

Mesothriscus collaris
Mesothriscus tricolor
Metromenus aequalis

LABOULBENIA CAULICULATA var. SPECTABILI Thaxter (68)

Metromenus caliginosus
Metromenus latifrons
Metromenus mutabilis

LABOULBENIA DISENOCHI Thaxter (68)

Anchonymus agonoides
Brosconymus optatus
Disenochus aterimus
Disenochus fractus
Disenochus sulcipennis

LABOULBENIA HAWAIIENSIS Thaxter (68)

Atelothrus erro
Atelothrus gracilis

(Laboulbenia hawaiiensis Thaxter cont.)

Bembidium sp.
Colpocaccus hawaiiensis
Colpocaccus lanaiensis
Colpocaccus posticatus
Colpocaccus tantalus
Colpodiscus lucipetens
Mauna frigida
Mecyclothorax montivagus
Mecyclothorax ~~ovipennis~~
Mecyclothorax pusillus
Mesothriscus alternans
Mesothriscus muscicola
Mesothriscus tricolor

LABOULBENIA SPHYRI Thaxter (68)

Metromenus caliginosus
Metromenus epicurus
Metromenus latifrons

METARRHIZIUM ANISOPLIAE (Metsch.) Sorok. (63)

Adoretus sinicus
Anomala orientalis
Gonocephalum seriatum
Conoderus exsul
Asynonychus godmani
Plusia chalcites
Rhabdocnemis obscura

NECTRIA SUBCOCCINEA Sacc. & Ell.

Coccidae (64)

OPHIONECTRIA COCCICOLA (Ell. & Ev.) Berl. & Vogl.

Lepidosaphes beckii (63)

SPHAEROSTILBE COCCOPHILA Tul.

Lepidosaphes beckii (5)

SPOROTRICHUM sp. (64)

Genophantis sp.
Perkinsiella saccharicida
Sermoprepia sp.

TORRUBIELLA sp.

Omiodes accepta (63)

Fungi Parasitic on Nematodes

ARTHROBOTRYS OLIGOSPORA Fresenius

Various nematodes (33)

CATENARIA ANGUILLULAE Sorokin

Various nematodes (33)

HARPOSPORIUM ANGUILLULAE Lohde

Various nematodes (33)

MICROCERA sp.

Heterodera marioni (Cornu) Goodey (48) (H. radiculicola (Greeff) Müller)

PENICILLIUM sp.

Heterodera marioni (Cornu) Goodey (69) (H. radiculicola (Greeff) Müller)

STYLOPAGE HADRA Drechs.

Various nematodes (33)

BACTERIA

ACTINOMYCES SCABIES (Thax.) Güssow

Solanum tuberosum (3)

BACTERIUM sp.

Allium sp. (50)

Brassica oleracea (49)

Lactuca sativa (49)

ERWINIA ATROSEPTICA (van Hall) Bergey et al.

Solanum tuberosum (69)

ERWINIA CAROTOVORA (Jones) Holland

Allium sp. (50)

Colocasia esculenta (49)

MICROSPIRA NORTHII Carp. & Bom.

Saccharum officinarum (juice) (9)

PHYTOMONAS ALBILINEANS (Ashby) Magrou

Saccharum officinarum (45)

PHYTOMONAS CAMPESTRIS (Pann.) Bergey et al.

Brassica oleracea var. capitata (49)

- PHYTOMONAS CITRI (Hasse) Bergey et al.
 Citrus sp. (20)
- PHYTOMONAS MARGINATA (McCulloch) Bergey et al.
 Gladiolus sp. (50)
- PHYTOMONAS PHASEOLI (EFS.) Bergey et al.
 Phaseolus vulgaris (49)
- PHYTOMONAS RUBRILINEANS Lee, Purdy, Barnum, & Martin
 Saccharum officinarum (15)
- PHYTOMONAS SOLANACEARUM (EFS.) Bergey et al.
 Musa sapientum (70)
 Nicotiana tabacum (4)
 Petunia sp. (70)
 Solanum tuberosum (70)
 Tropaeolum sp. (70)
- PHYTOMONAS VESICATORIA (Doidge) Bergey et al.
 Capsium frutescens (49)

NEMATODES

Synonyms in nomenclature in this section are those found in Hawaiian literature.

Plant Parasitic Nematodes

- APHELENCHOIDES PARIETINUS (Bastian) Steiner
 Various fungi (35)
- APHELENCHUS AVENAE Bastian
 Various fungi (35)
- DITYLENCHUS DIPSACI (Kühn) Filipjev (21) (Anguillulina dipsaci (Kühn)
 Gerv. & v. Bens., Tylenchus dipsaci (Kühn) Bastian).
 Hypochaeris radicata (25)
- HETERODERA MARIONI (Cornu) Goodoy (H. radicicola (Greeff) Müller)
 Acanthospermum australe (69)
 Ageratum conyzoides (69)
 Allium cepa R
 Amaranthus gracilis (69)
 Amaranthus hybridus (69)
 Amaranthus spinosus (69)
 Ananas comosus (29)
 Antirrhinum majus R
 Arachis hypogaea (49)
 Avena fatua (69)

(*Heterodera marioni* cont.)

Avena sativa (69)
Bacopa sp. (69)
Begonia sp. (51)
Beta vulgaris (51)
Beta vulgaris var. *cicla* R
Bidens pilosa (69)
Bidens sp. (69)
Brassica campestris (69)
Brassica oleracea (50)
Brassica oleracea var. *botrytis* R
Brassica oleracea var. *capitata* R
Brassica pekinensis R
Brassica rapa (69)
Brighamia sp. (69)
Bromus secalinus (69)

Cajanus cajan (69)
Canavalia ensiformis (69)
Canavalia gladiata (69)
Canna edulis (24)
Capsicum frutescens (51)
Carica papaya (51)
Cassia leschenaultiana (69)
Cassia occidentalis (69)
Cassia tora (69)
Cenchrus echinatus (69)
Centella asiatica (69)
Chenopodium album (69)
Chloris gayana (69)
Citrullus vulgaris R
Citrus aurantium R
Citrus limonia R
Citrus sinensis R
Coffea arabica R
Coleus sp. (51)
Commelina nudiflora (69)
Convolvulus arvensis (69)
Crotalaria saltiana (69)
Crotalaria usaramoensis (69)
Crotalaria sp. (69)
Cucumis melo R
Cucumis sativus (51)
Cucurbita pepo R
Cynodon dactylon (69)
Cyperus rotundus (69)

(Heterodera marioni cont.)

Daucus carota (4)
Daucus carota var. sativa (51)
Dolphinsium sp. R
Desmodium tortuosum (69)
Dianthus caryophyllus (71)
Digitaria sanguinalis (69)
Digitaria violascens (69)

Eleusine indica (69)
Emilia coccinea (69)
Emilia sonchifolia (69)
Erechtites hieracifolia (69)
Erechtites valerianifolia (69)
Erigeron canadensis (69)

Galinsoga parviflora (69)
Glycine soja (69)
Gomphocarpus physocarpus (69)

Helianthus annuus R
Hibiscus esculentus R
Hibiscus sabdariffa R
Hibiscus sp. (5)
Hordeum vulgare (69)

Indigofera suffruticosa (69)
Ipomoea batatas R
Ipomoea insularis (69)

Kadua sp. (69)

Lactuca sativa (69)
Lilium longiflorum R
Lupinus hirsutus (49)
Lycopersicon esculentum (49)

Manihot esculenta R
Manihot glaziovii (62)
Medicago denticulata (69)
Medicago sativa (70)
Mimosa pudica (69)
Momordica balsamina (69)
Musa cavendishii (4)

(Heterodera marioni cont.)

Nicandra physalodes (69)
 Nicotiana tabacum (18)

Oxalis corniculata (69)
 Oxalis martiana (69)

Passiflora sp. (69)
 Phaseolus lathyroides (69)
 Phaseolus limensis (69)
 Phaseolus vulgaris R
 Pisum sativum (69)
 Portulaca oleracea (69)

Raphanus sativus (69)
 Raphanus sativus var. longipinnatus (69)
 Richardia scabra (69)

Saccharum officinarum (18)
 Setaria verticillata (69)
 Solanum melongena R
 Solanum nodiflorum (nigrum) (29)
 Solanum tuberosum (6)
 Sonchus oleraceus (69)
 Sorghum vulgare (69)
 Spinacia oleracea R
 Stizolobium doeringianum (69)

Taraxacum vulgare (69)
 Tephrosia vogelii (51)
 Tricholaena repens (69)
 Triticum vulgare (69)

Verbena bonariensis (69)
 Vernonia cineria (69)
 Vicia faba R
 Vigna sinensis (18)

Zea mays R
 Zinnia pauciflora (69)

PRATYLENCHUS PRATENSIS (de Man) Filipjev (21) (Anguillulina pratensis
 (de Man) Goffart, Tylenchus brachyurus Godfrey)

Ageratum conyzoides (69)
 Amaranthus gracilis (69)
 Ananas comosus (23)
 Cassia leschenaultiana (69)
 Cassia occidentalis (69)
 Commelina nudiflora (69)
 Cynodon dactylon (69)

(*Pratylenchus pratensis* cont.)

- Digitaria sanguinalis* (69)
- Elusine indica* (69)
- Emilia coccinea* (69)
- Emilia sonchifolia* (23)
- Glycine soja* (23)
- Indigofera suffruticosa* (69)
- Lantana camara* (69)
- Lycopersicon esculentum* (23)
- Oxalis martiana* (69)
- Paspalum orbiculare* (69)
- Saccharum officinarum* (23)
- Setaria verticillata* (69)
- Sonchus oleraceus* (69)
- ROTYLENCHUS MULTICINCTUS (Cobb) Filipjev (21) (*Anguillulina multicincta* (Cobb) Goodey, *Tylenchus spiralis* Cassidy, *T. oleae* Cobb)
- Ananas comosus* (69)
- Avena sativa* (69)
- ROTYLENCHUS SIMILIS (Cobb) Filipjev (21) (*Anguillulina similis* (Cobb) Goodey, *Tylenchus biformis* Cobb, *T. similis* Cobb)
- Ananas comosus* (12)
- Cajanus cajan* (12)
- Canna edulis* (24)
- Cyperus rotundus* (48)
- Ipomoea batatas* (24)
- Saccharum officinarum* (18)

Prodaceous Nematodes

ACTINOLAIMUS sp.

Various other nematodes (34)

APHELENCHOIDES LINFORDI Christie

Various other nematodes (16)

APHELENCHOIDES OAHUENSIS Christis

Various other nematodes (16)

APHELENCHOIDES SOLIVEIRAE Christie

Various other nematodes (16)

APHELENCHOIDES TENTACAUDATUS (de Man) Goodey (34)

Heterodera marioni (Cornu) Goodey (*H. radicicola* (Greeff) Müller)

Pratylenchus pratensis (de Man) Filipjev (*Anguillulina pratensis* (de Man) Goffart, *Tylenchus brachyurus* Godfrey)

Various other nematodes

APHELENCHOIDES WINCHEESI (Goodey) Filipjev var. *FILICAUDATUS* Christis

Various other nematodes (16)

DORYLAIMUS spp.

Various other nematodes (35)

MONONCHUS BRACHYLAIMUS Cobb (12)

Heterodera marioni (Cornu) Goodey (H. radicicola (Greeff) Müller)

Rotylenchus similis (Cobb) Filipjev (Anguillulina similis (Cobb)

Goodey, Tylenchus biformis Cobb, T. similis Cobb)

MONONCHUS BRACHYURUS Bütsch.

Various other nematodes (12)

MONONCHUS COBBI Cassidy

Various other nematodes (12)

MONONCHUS HAWAIIENSIS Cassidy

Various other nematodes (12)

MONONCHUS INDEX Cobb

Various other nematodes (12)

MONONCHUS LACUSTRIS Cobb

Various other nematodes (12)

MONONCHUS LONGICAUDATUS Cobb

Various other nematodes (12)

MONONCHUS MUSCORUM (Dujardin) Bastian

Various other nematodes (12)

MONONCHUS PAPILLATUS Bastian

Heterodera marioni (Cornu) Goodey (26) (H. radicicola (Greeff) Müller)

Various other nematodes (12)

MONONCHUS PARVUS de Man

Various other nematodes (12)

MONONCHUS SIGMATURUS Cobb (12)

Heterodera marioni (Cornu) Goodey (H. radicicola (Greeff) Müller)

Rotylenchus similis (Cobb) Filipjev (Anguillulina similis (Cobb)

Goodey, Tylenchus biformis Cobb, T. similis Cobb)

MONONCHUS sp.

Rotylenchus similis (Cobb) Filipjev (13) (Anguillulina similis

(Cobb) Goodey, Tylenchus biformis Cobb, T. similis Cobb)

VIRUSES

BLIGHT

Spinacia oleracea (49)

CHLOROTIC STREAK

Saccharum officinarum (43)

MOSAIC

Ananas comosus (10) (mosaic of *Commelina nudiflora*)
Bambusa vulgaris (27)
Brassica pekinensis (28)
Canna indica (27)
Citrullus vulgaris (70)
Commelina nudiflora (27)
Crotalaria spectabilis (51)
Cucumis melo (49)
Cucumis sativus (49)
Cucurbita pepo (49)
Dianella sandwicensis (27)
Emilia sp. (69)
Hippeastrum sp. (27)
Lactuca sativa (51)
Lilium longiflorum (49)
Lycopersicon esculentum (49)
Musa cavendishii (27)
Nicotiana tabacum (4)
Raphanus sp. (50)
Saccharum officinarum. (36)
Solanum tuberosum (49)
Vicia faba (49)
Zea mays (27)

YELLOW SPOT OF PINEAPPLE (Spotted Wilt of Tomato ?)

Ageratum conyzoides (53)
Allium sp. (53)
Ananas comosus (32)
Bidens pilosa (53)
Callistephus chinensis (53)
Capsicum frutescens (53)
Cordyline terminalis (53)
Drymaria cordata (53)
Emilia coccinea (53)
Emilia sonchifolia (32)
Emilia sp. (53)
Erechtites valerianifolia (69)
Erigeron canadensis (69)
Galinsoga parviflora (53)
Lycopersicon esculentum
Nicotiana glauca (53)
Nicotiana tabacum (53)
Pisum sativum (31)
Raphanus sp. (69)
Richardia scabra (53)

(Yellow spot of pineapple cont.)

Solanum melongena (53)

Solanum nodiflorum (nigrum) (53)

Stachys arvensis (53)

Taraxacum vulgare (53)

SYNONYMS AND CORRECTIONS IN NOMENCLATURE OF HOSTS

<u>Present Usage</u>	<u>Previous Usage</u>
<u>Alphitonia ponderosa</u>	<u>Alphitonia excelsa</u>
<u>Bidens pilosa</u> var. <u>radiata</u>	<u>Bidens leucantha</u>
<u>Cajanus cajan</u>	<u>Cajanus indicus</u>
<u>Calonyction aculeatum</u>	<u>Ipomoea bona-nox</u>
<u>Carex wahuensis</u>	<u>Carex ochuensis</u>
<u>Cassia leschenaultiana</u>	<u>Cassia mimosoides</u>
<u>Cenchrus echinatus</u> var. <u>hillebrandianus</u>	<u>Cenchrus hillebrandianus</u>
<u>Ceodes umbellifera</u>	<u>Pisonia umbellifera</u>
<u>Cladium angustifolium</u>	<u>Vincentia angustifolia</u>
<u>Cladium meyenii</u>	<u>Paumotu meyenii</u>
<u>Cynodon dactylon</u>	<u>Cephaelis dactylon</u>
<u>Desmodium tortuosum</u>	<u>Leibonia tortuosa</u>
<u>Dianella sandwicensis</u>	<u>Dianella odorata</u>
<u>Digitaria pruriens</u>	<u>Syntherisma pruriens</u>
<u>Diospyros hillebrandii</u>	<u>Copa hillebrandii</u>
<u>D. sandwicensis</u>	<u>M. sandwicensis</u>
<u>Dubautia</u> sp.	<u>Raillardia</u> sp.
<u>Elaphoglossum</u> sp.	<u>Acrostichum</u> sp.
<u>Emilia sonchifolia</u>	<u>Emilia sagittata</u>
<u>Freycinetia arborea</u>	<u>Freycinetia arastii</u>

Present UsagePrevious Usage

<u>Gleichenia emarginata</u>	<u>Dicranopteris emeraginata</u>
<u>G. glauca</u>	<u>Gleichenia longissima</u>
<u>G. linearis</u>	<u>G. dichotoma</u>
<u>Glycine soja</u>	<u>Glycine max</u>
<u>Gouldia terminalis</u> var	
<u>coriacea</u>	<u>Gouldia lanceolata</u>
<u>G. terminalis</u> var.	
<u>elongata</u>	<u>Gouldia elongata</u>
<u>G. terminalis</u> var.	
<u>macrocarpa</u>	<u>G. macrocarpa</u>
<u>G. terminalis</u> var.	
<u>typica</u> f. <u>eotypica</u>	<u>G. coriacea</u>
<u>Holcus</u> sp..	<u>Notholcus</u>
<u>Ilex anomala</u>	<u>Byronia sandwicensis</u>
<u>Ipomoea indica</u>	<u>Ipomoea insularis</u>
<u>Korthalsella</u> sp..	<u>Viscum articulatum</u>
<u>Labordia</u> sp..	<u>Labordea</u> sp.
<u>Lantana camara</u>	<u>Lantana maculeata</u>
<u>Lochnera</u> sp..	<u>Vinca</u> sp.
<u>Manihot esculenta</u>	<u>Manihot utilissima</u>
<u>Metrosideros collina</u>	<u>Metrosideros collina poly-</u>
subsp. <u>polymorpha</u>	<u>morpha</u> var. <u>incana</u>
.	<u>M. polymorpha</u>
<u>Mediola caroliniana</u>	<u>Mediola carolina</u>
<u>Mucuna gigantea</u>	<u>Macuna gigantea</u>
<u>Nicandra physalodes</u>	<u>Nicandra physaloides</u>
<u>Panicum purpurascens</u>	<u>Panicum barbinode</u>
<u>Peperomia</u> sp.	<u>Piperomia</u> sp.
<u>Persea americana</u>	<u>Persea gratissima</u>
<u>Prosopis chilensis</u>	<u>Prosopis juliflora</u>
<u>Rhynchospora sclerioides</u>	<u>Rhynchospora thyrsoidea</u>
<u>Richardia scabra</u>	<u>Richardsonia scabra</u>
<u>Rockia sandwicensis</u>	<u>Fisoria sandwicensis</u>
<u>Rollandia humboldtiana</u>	<u>Rollandia racemosa</u>

<u>Present Usage</u>	<u>Previous Usage</u>
<u>Samanea saman</u>	<u>Pithecolobium saman</u>
<u>Sorghum halepense</u>	<u>Holcus halepensis</u>
<u>Sporobolus elongatus</u>	<u>Sporobolus elongatus</u>
<u>Suttonia</u> sp.	<u>Myrsine</u> sp.
<u>Taraxacum vulgare</u>	<u>Taraxacum officinale</u>
<u>Tricholaena repens</u>	<u>Tricholaena rosea</u>
<u>Xanthium saccharatum</u>	<u>Xanthium italicum</u>

BIBLIOGRAPHY

1. Allen, O. N. Myxomycetes of the Hawaiian Islands. Unpublished data, University of Hawaii, Honolulu, T.H.
2. Burt, E. A. Higher fungi of the Hawaiian Islands. Ann. Missouri Bot. Gard. 10: 179-189. 1923.
3. Carpenter, C. W. Plant diseases in Hawaii. In Ann. Rep. Hawaii Agr. Exp. Stat. 1917: 32-42. 1918.
4. _____ Plant diseases in Hawaii. In Ann. Rep. Hawaii Agr. Exp. Stat. 1918: 34-45. 1919.
5. _____ Plant diseases in Hawaii. In Ann. Rep. Hawaii Agr. Exp. Stat. 1919: 49-54. 1920.
6. _____ Potato diseases in Hawaii and their control. Hawaii Agr. Exp. Stat. Bull. 45. 1920.
7. _____ In Monthly report of the Director, Hawaiian Sugar Plant. Assoc. Exp. Stat., March, 1930.
8. _____ Miscellaneous plant diseases in Hawaii. In Ann. Rep. Hawaiian Sugar Plant. Assoc. Exp. Stat. 1935: 26-37. 1936.

9. Carpenter, C. W., and H. F. Bomonti. High temperature bacteria in Hawaiian sugar factories. Hawaiian Plant. Rec. 25: 171-180. 1921.
10. Carter, W. Mechanical transmission of two viruses to pineapple. (Abst.). Phytopath. 25: 10. 1935.
11. Cash, Edith K. New records of Hawaiian discomycetes. Mycologia 30: 97-107. 1938.
12. Cassidy, G.H. Some mononchs of Hawaii. Hawaiian Plant. Rec. 35: 305-339. 1931.
13. _____, and R. H. van Zwaluwenburg. Nematodes in relation to growth failure of sugar cane in Hawaii. Rep. Assoc. Hawaiian Sugar Techn. 6: 10-15. 1927.
14. Caum, E. L. A new cane disease. Hawaiian Plant Rec. 20: 275-279. 1919.
15. _____ A contribution to a check-list of sugar cane fungi. Bull. Exp. Stat. Hawaiian Sugar Plant. Assoc. Bot. Ser. 3: 66-97. 1921.
16. Christie, J.R. Predaceous nematodes of the genus Aphelenchoides from Hawaii. Journ. Washington Acad. Sci. 29: 161-170. 1939.
17. Cobb, N.A. Fungus maladies of the sugar cane: with notes on associated insects and nematodes. Hawaiian Sugar Plant. Assoc., Div. Path. and Phys. Bull. 5: 163-193. 1906.
18. _____ Fungus maladies of the sugar cane. Hawaiian Sugar Plant. Assoc., Div. Path. and Phys. Bull. 6: 51-103. 1908.
19. Ellis, J.B. and B.M. Everhart. New species of fungi from various localities. Bull. Torrey Bot. Club 24: 125-137. 1897.
20. Fawcett, H.S., and H.A. Lee. Citrus canker. In Citrus diseases and their control, pp. 212-222. 1926.
21. Filipjev, I.V. On the classification of the Tylenchinae. Proc. Helminth. Soc. Washington 3: 80-82. 1936.
22. Fromme, F.D. The rust of cowpeas. Phytopath. 14: 67-79. 1924.

23. Godfrey, G. H. A destructive root disease of pineapples and other plants due to Tylenchus brachyurus n. sp. Phytopath. 19: 611-629. 1929.
24. _____ The host plants of the "burrowing" nematode, Tylenchus similis. Phytopath. 21: 315-322. 1931.
25. _____ Tylenchus dipsaci on Hypochaeris radicata in Hawaii. Phytopath. 21: 759-760. 1931.
26. _____ The pineapple root system as affected by the root-knot nematode. Phytopath. 26: 408-428. 1936.
27. Kunkel, L. O. A possible causative agent for the mosaic disease of corn. Bull. Exp. Stat. Hawaiian Sugar Plant. Assoc. Bot.Ser. 3: 44-58. 1921.
28. _____ Further studies on the intracellular bodies associated with certain mosaic diseases. Bull.Exp. Stat. Hawaiian Sugar Plant.Assoc.Bot.Ser. 3: 108-114. 1924.
29. Larson, L.D. Diseases of the pineapple. Bull. Exp. Stat. Hawaiian Sugar Plant.Assoc. Path. and Phys.Ser. 10: 1-70. 1910.
30. Lee, H. A. A better understanding of pokkah bong and twisted top of sugar cane. Hawaiian Plant. Rec. 32: 41-50. 1938.
31. Linford, M.B. Streak, a virus disease of peas transmitted by Thrips tabaci. (Abst.). Phytopath. 21: 999. 1931.
32. _____ Transmission of the pineapple yellow-spot virus by Thrips tabaci. Phytopath. 22: 301-324. 1932.
33. _____ Stimulated activity of natural enemies of nematodes. Science n.s. 85: 123-124. 1937.
34. _____ The feeding of hollow-spear nematodes on other nematodes. Science n.s. 85: 295-297. 1937.
35. _____ The feeding of hollow-styloet nematodes. Proc. Helminth.Soc.Washington 4:41-46. 1937.

36. Lyon, H.L. First record of sugar cane mosaic in Hawaii. In
Files Hawaiian Sugar Plant. Exp. Stat. (Project Number 410).
1908.
37. _____ A study of iliau. Hawaiian Plant. Rec. 3: 148.
1910.
38. _____ Iliau, an endemic cane disease. Bull. Exp. Stat.
Hawaiian Sugar Plant Assoc. Path. and Phys. Ser. 11: 1-
32. 1912.
39. _____ Diseases of the jack bean. Hawaiian Plant Rec.
8: 284-289. 1913.
40. _____ New or noteworthy fungi on sugar cane. Hawaiian
Plant. Rec. 9: 600-603. 1913.
41. _____ An Hibiscus disease. Hawaiian Plant Rec. 13: 361-
367. 1915.
42. Martin, J.P. Brown stripe disease. In Director's monthly
report, Hawaiian Sugar Plant. Assoc. Exp. Stat., October,
1928.
43. _____ Chlorotic streak diseases of sugar cane. Hawaiian
Plant Rec. 34: 375-378. 1930.
44. _____ Sugar cane diseases in Hawaii. 295 pp. Advertiser
Publishing Co., Honolulu. 1938.
45. _____, C. W. Carpenter, and D.M. Weller. Leaf scald
disease of sugar cane in Hawaii. Hawaiian Plant. Rec.
36: 145-196. 1932.
46. Mehrlich, F. P. Pathogenicity and variation in *Phytophthora*
species causing heart rot of pineapple plants. Phy-
topath. 26: 23-43. 1936.
47. _____, and H. M. Fitzpatrick. Dichotomophthora portulacae,
a pathogene of Portulaca oleracea. Mycologia
27: 543-550. 1935.
48. Muir, F., and G. Henderson. Nematodes in connection with
sugar cane root rot in the Hawaiian Islands.
Hawaiian Plant. Rec. 30: 233-250. 1926.

49. Parris, G.K. Miscellaneous plant diseases. In Ann. Rep. Hawaii Agr. Exp. Stat. 1935-1936: 38-40. 1936.
50. _____ Miscellaneous plant diseases. In Ann. Rep. Hawaii Agr. Exp. Stat. 1936-1937: 43-45. 1938.
51. _____ Miscellaneous plant diseases. In Ann. Rep. Hawaii Agr. Exp. Stat. 1937-1938: 34-42. 1939.
52. Pope, W.T. The acid lime fruit in Hawaii. Hawaii Agr. Exp. Stat. Bull. 49. 1923.
53. Sakimura, K. A survey of host ranges of thrips in and around Hawaiian pineapple fields. Proc. Hawaiian Entom. Soc. 9: 415-427. 1937.
54. Sideris, C.P. Similarity between physiochemical and biochemical reactions. Plant Physiology 3: 79-43. 1928.
55. _____ Rhizidiocystis ananasi Sideris, nov. gen. et sp., a root hair parasite of pineapples. Phytopath. 19: 367-382. 1929.
56. _____ Pathological and histological studies on pythiaceous rots of various agricultural plants. Phytopath. Zeitschr. 3: 137-161. 1931.
57. _____ Taxonomic studies in the family Pythiaceae. I. Nematosporangium. Mycologia 23: 252-295. 1931.
58. _____ Taxonomic studies in the family Pythiaceae. II. Pythium. Mycologia 24: 14-61. 1932.
59. _____, and G. E. Paxton. Heart rot of pineapple plants. Phytopath. 20: 951-958. 1930.
60. _____ A new species of Mortierella. Mycologia 21: 175-177. 1929.
61. _____ Pathological, histological and symptomatological studies on pineapple root rots. Amer. Journ. Bot. 18: 465-498. 1931.
62. Smith, J. G., and Q.Q. Bradford. The ceara rubber tree in Hawaii. Hawaii Agr. Exp. Stat. Bull. 16: 1-30. 1908.

63. Speare, A.T. Fungi parasitic upon insects injurious to sugar cane. Bull. Exp.Stat.Hawaiian Sugar Plant.Assoc. Path. and Phys. Sér. 12: 1-62. 1912.
64. Stevens, F.L. Hawaiian fungi. Bernice P. Bishop Museum Bull.19. 1925.
65. Stevens, N.E., and C. L. Shear. Botryosphaeria and Physalospora in the Hawaiian Islands. Mycologia 21: 313-320. 1929.
66. Stevenson, John A., and R. D. Rands. An annotated list of the fungi and bacteria associated with sugar cane and its products. Hawaiian Plant. Rec. 42: 247-313. 1938.
67. Sydow, H. Fungi exotici exsiccati, Nos. 145 and 191. 1913.
68. Thaxter, R. Contribution to a monograph of the Laboulbeniaceae. Mem. Amer. Acad. 13: 217-469. No. 6. 1908.
69. Unpublished data, in Files of the Pineapple Producers' Coop. Assoc. Exp.Stat., Honolulu, T. H. Used with the approval of the Director.
70. Unpublished data, in Files of the Hawaiian Sugar Planters' Assoc. Exp. Stat., Honolulu, T. H. Used with the approval of the Director.
71. List of importations of fungal cultures, in Files of the Territorial Plant Inspection Bureau, Honolulu, T.H. Made available by the Head Inspector.

